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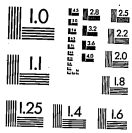

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Thomas A. Edison Papers

A SELECTIVE MICROFILM EDITION

PART III
(1887–1898)

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Letterbook, LB-035

This letterbook covers the period December 1889-January 1890. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. There is also correspondence regarding ore milling, the purchase of mining properties, the mimeograph, and the phonoplex system. Several of the letters pertain to the use of batteries with the phonograph and phonoplex. Some of the documents deal with the payment of Edison's taxes and other personal and financial matters. Included also are letters to the firm of Dyer & Seely about foreign and domestic patents. The front cover is labeled "Indexed General Letter Book T. A. Edison Orange N.J." The book contains 500 numbered pages and an index. Approximately 40 percent of the book has been filmed.

Dec. 9, 1889.

Lewis Miller, Esq.,

A k r o n, Ohio.

Dear Sir:-

With reference to your letter of 4th instant to Mr. Edison, a half-gallon Grenet battery would answer your purpose. It will run the phonograph for ten or twelve hours and is very convenient for transportation.

Yours truly,

Private Secretary.

Dec. 9, 1889.

Lewis Miller, Esq.,

A k r o n, Ohio.

My Dear Sir:-

Replying to your letter of 30th ultimo, relative to different modes for driving the phonograph, Mr. Edison says that he will shortly be able to send you a water motor, in the use of which you will experience none of the annoyances that you complain of.

Yours very truly,

Private Secretary.

Dec. 9, 1889.

J. Langeloth, Esq., President,
The American Metal Company,
80 Wall St., New York.

Dear Sir:-

Mr. Edison has returned to the Laboratory and several communications have been submitted to him. He desires me to inform you that he will communicate with you as early as practicable.

Yours truly,

Private Secretary.

N. J. B. Clemens Dec 9th 1889
150 Second Ave New York
I Cannot testify tomorrow Have
Written ~~Hon~~ You reasons If you
desire Mr Kennelly my assistant
Can go Thos. A. Edison

Dec. 9, 89.

Major S. B. Eaton,

120 Broadway, New York.

Dear Sir:-

In reference to the attached correspondence, Mr. Edison desires to license the A. B. Dick Company to manufacture Mimeographs in the United States for export, for a nominal royalty, say five cents on each machine. As one of the considerations of the granting of this right, Mr. Edison desires it to be stipulated that no foreign Companies for the exploitation of the Mimeograph abroad are to be formed, without his written consent. Will you kindly draw up a memorandum of agreement, and forward it to the Laboratory.

Yours very truly,

Edison

Dec. 9, 1889.

My Dear Maguire, -

Mr. Edison has received your letter of 4th instant and regrets that he cannot accept your kind invitation to go duck shooting. We are all very busy here and it is impracticable for us to absent ourselves even for a short time.

Yours very truly,

F. Z. Maguire, Esq.,
Hotel Vernort,
Baltimore, Md.

Dec. 9, 89.

A. B. de Frece, Esq.,

Edison General Electric Company,

New York City.

Dear Sir:-

Your letter of 26th ultimo, in regard to Women's Exchange Exhibition, was submitted to Mr. Edison immediately upon his return to Orange Saturday last. He says he cannot make an appointment with you at present to inspect the building, as he has to wait until his agent, Mr. Hammer, returns from Paris.

Yours truly,

Private Secretary.

Dec. 9, 1889.

Mr. John Birkinbine,

Philadelphia, Pa.

Dear Sir:-

Referring further to your letter of 26th ultimo, in regard to mines of the Phila. & Reading Coal & Iron Co., in Putnam Co., N. Y., Mr. Edison says, when you get time come over to Orange and bring with you all the maps, data &c. in regard to this property, when he will discuss the matter with you.

Yours very truly,

Pr. to Secretary.

Dec. 10, 89.

J. I. C. Clarke, Esq.,

THE MORNING JOURNAL,

New York.

Dear Sir:-

I beg to confirm the following telegram sent you to-day, in reply to your letter of 8th instant:-

"Will be glad to see you to-morrow afternoon. T. A. E."

Yours truly,

Thos. A. Edison

Dec. 10, 1880.

D. Z. Curtiss, Esq., Editor,

THE SAGINAW EVENING JOURNAL,

Saginaw, Michigan.

D e a r S i r:-

Reply to your esteemed favor of 26th ultimo has been delayed owing to the absence of Mr. Edison, who upon his return to the Laboratory, read your communication with much interest. In reply he desires me to say that, the low tension current is used on the Edison system only. The Sprague Company uses Edison dynamos, but uses them for a much higher tension. Mr. Edison's article in the NORTH AMERICAN REVIEW was directed to danger to life - not to fire. All telegraph and telephone wires should have safety fuses, the same as are used in connection with telephones in all large cities.

Very truly yours,

Private Secretary.

Dec. 10, 89.

Edison Phonograph Toy M'f'g. Co.,

95 Milk St., BOSTON, Mass.

Dear Sirs:-

The following list embodies all of Mr. Edison's U. S. Patents covering his toy phonograph inventions, and also includes the two Patents issued to Dr. Jacques:-

No. 200,521	February 19th, 1878
No. 227,670	May 18th, 1880
No. 382,418	May 8th, 1888.
No. 382,402	May 8th, 1888
No. 383,220	May 22nd, 1888
No. 393,456	Nov. 27th, 1888
No. 393,967	Dec. 4th, 1888
No. 393,966	Dec. 4th, 1888
No. 397,280	February 5th, 1889
No. 400,851	April 2, 1889
No. 400,648	April 2, 1889
No. 400,647	April 2, 1889
No. 400,646	April 2, 1889
No. 406,576	July 9th, 1889.

All claims covered by the above Patents of Mr. Edison have been included in applications for Patents pending abroad. It might be well for your Company to have Messrs. Dyer & Seely, #40 Wall St., New York, furnish you with a complete set of these patents.

Yours truly,

Dec. 10, 1889.

George Wilson, Esq., Secretary,

Chamber of Commerce,

New York.

Dear Sir:-

I beg to acknowledge the receipt of Certificate of Membership in the Chamber of Commerce of the State of New York, for which I am very much obliged.

Yours very truly,

[illegible]

Dec. 10, 1889.

The Hon. Secretaries of

THE GILBERT CLUB,

c/o Prof. Sylvanus Thompson, LONDON, England.

Dear Sirs:-

Enclosed please find form duly executed by Mr. Edison, signifying his desire to become a member of THE GILBERT CLUB. If there are any dues in connection with this organization, kindly send Mr. Edison a memorandum of the same, when he will send you a check in settlement.

Yours very truly,

Private Secretary.

Dec 9/89

My Dear Kiernan:

I enclose herewith my Check to your order for Eight Hundred Dollars ($800.). I also return your note. Your word is good enough for me and you can return this amount to me say next July.

Sincerely Yours

Thomas A. Edison

John J. Kiernan Esq
56 First Place
Brooklyn
N.Y.

Dec. 10, 80.

Major S. B. Eaton,
120 Broadway,
New York City.

My Dear Sir:-

With reference to your letter of 26th ultimo, in regard to New York City Personal Tax, I beg to answer your questions as follows:-

(a) What members of your family other than yourself lived habitually at the Normandie from the said October 14th to February 3rd?

ANSWER. A l l.

(b) If any of your children were there, was it for the purpose of attending school?

ANSWER. Y e s.

(c) At what other places did you habitually sleep from the said October 14th to February 3rd?

ANSWER. B o s t o n.

(d) Did you maintain a home at Menlo Park after July 1st, 85, and if so, for how long? Were any of your children living at that home for any part of the year beginning July 1, 1885? Who, and for how long? How often did you sleep there after July 1, 1885?

ANSWER. Owned house, didn't live there.

(3) What was the date of your marriage?

ANSWER. February 24th, 1880.

(3) Immediately after your marriage did you take up your residence at Orange?

ANSWER. Yes.

Yours very truly,

Thos A Edison

Dec. 10, 80.

Messrs. Dyer & Seely,

New York City.

Dear Sirs:-

With reference to your letter of 9th instant, in regard to the invention of Mr. Kennelly consisting in heating the plates or the solution or both for an electric light meter, Mr. Edison desires you to take out this patent. Mr. Kennelly assigns it to Mr. Edison individually. The former says that the amalgamation of the meter plates while they are still hot, is a matter of no importance, and it will not be necessary to apply for an additional patent to cover it.

Yours truly,

Private Secretary.

Dec. 10, 89.

Henry Villard, Esq.,

Mills Building, New York City.

Dear Sir:-

Mr. Edison is very much obliged for your letter of 9th instant, enclosing translation of an article which appeared in a German paper concerning the Grammophone. He says that this machine was invented by a man in Washington and doesn't amount to anything.

Yours very truly,

Private Secretary.

Dec. 10, 80.

A. C. Rogers, Esq., President,

Atlantic Publishing & Engraving Company,

New York City.

My Dear Sir:-

Mr. Edison has read your letter of 27th ultimo, and is very much obliged for the offer which you make concerning steel plate portrait. This is to signify his acceptance of the same. I am sending you by this mail, under separate cover, a large panel photograph from which to make the plate.

I return herewith proof of biographical matter which is O. K.

Yours very truly,

Private Secretary.

Dec. 10, 89.

Philip S. Dyer, Esq.,

Antwerp, Belgium.

Dear Sir:-

With reference to your letter of 16th ultimo, relative to Mr. Edison making a display at the Edinburgh Exposition, I beg to enclose herewith copy of a letter which I have received from Mr. Insull on this subject. I have discussed the matter with Mr. Edison, and he does not feel inclined to make any exhibit at Edinburgh.

Yours very truly,

Private Secretary.

C O P Y.

New York, November 20th, 1889.

A. O. Tate, Esq.,

Dear Sir:-

I have your favor of the 27th, and return you herewith Mr. Dyer's letter.

I think it would be a big mistake for Mr. Edison to make any exhibit whatever at Edinburgh. He has made a tremendous show at Paris, at a very great expense, and all the credit that can be attached to such a thing, he has gotten. He could not obtain any further recognition by any exhibit at Edinburgh, neither would it be of any business assistance to us. Furthermore, inasmuch as the exhibit there would be nothing as compared with the Paris exhibit, comparisons would be made to the actual injury of Mr. Edison and his business.

I would very much like you to show him this letter when he reads Mr. Dyer's.

Yours truly,

(Signed) SAMUEL INSULL.

Dec. 10, 1889.

N. E. Smith, Esq.,

New Haven, Conn.

My Dear Sir:-

I am sorry that there has been such a delay in furnishing you with musical records for your phonograph. I was under the impression that the selections, of which you left a list when last at the Laboratory, had already been forwarded to you. I am sending you to-day a dozen of first class records, in which I have included such of the pieces named on your list as we had on hand, and these you will please accept with my compliments. The other selections which you desire will be forwarded to you at the earliest possible moment.

Yours very truly,

Dec. 10, 89.

My Dear King,-

I have a letter from Mr. Krousi in regard to your proposed arrangement for coupling box. He says he is having an experiment made with the Junction Boxes used in our underground system and upon completion of same he will communicate with me again. Immediately I hear from him will let you know.

Yours very truly,

Mr. Chas. G. Y. King,

Palmer House, TORONTO,

Canada.

Dec. 10, 1889.

J. H. Block, Esq.,

Vienna, Austria.

My Dear Sir:-

Mr. Edison is in receipt of your esteemed favor under date 27th ultimo. He also received your cablegram announcing the success of the phonograph at Gatchino, which caused him much gratification. He desires me to say to you that he will have prepared at once a very handsome machine, for the Czar of Russia, and will forward the same to you at the earliest possible moment for presentation to His Majesty.

Very truly yours,

Private Secretary.

Dec. 10, 89.

Dr. A. V. Shaw,

3014 Walnut Street,

St. Louis, Mo.

Dear Sir:-

Reply to your esteemed favor of 17th ultimo has been unavoidably delayed until now, for the reason that since its receipt Mr. Edison has been absent and only returned to Orange a few days ago. He says that he would be very pleased to make a display of his inventions at the Exhibition to be held in St. Louis next year, but he is not at all sure that he could get his apparatus together. If it is at all practicable for him to make the desired exhibit he will consider the matter further when the time comes.

With reference to the attack made upon Mr. Edison by Mr. Whipple, the statements made by the latter gentleman are hardly worth contradicting.

Yours very truly,

Private Secretary.

Dec. 11, 1890.

My Dear Master Hoffmann:-

Your very interesting letter under date 24th November has been duly received, and Mr. Edison read it with a great deal of pleasure. He was delighted to learn that you had made the acquaintance of the phonograph, and the fact that you like it so well caused him much gratification. He is of the opinion that you will find the phonograph a very valuable adjunct in your musical studies, and desires me to say to you that he will have an instrument specially prepared and send it to Berlin for presentation to yourself. You will be notified when it is shipped from New York.

When you next visit the United States you must come out to Orange and see Mr. Edison. He will be very pleased to show you over his workshop, and to a little man like you who are so interested in electrical phenomena, the visit could not be other than productive of much pleasure to you.

Wishing you the Compliments of the Season

I beg to remain, yours very truly,

To

Master Josef Hoffmann.

Private Secretary.

Dec. 11, 1880.

Thomas Butler, Esq., Sec'y.,
N. J. & Pennsylvania Concentrating Works,
41 Wall St., New York.

Dear Sir:-

I return herewith Certificates representing $20,000 of the Capital Stock of the New Jersey and Pennsylvania Concentrating Works, duly signed by Mr. Edison as President, the same having been enclosed with your letter of 10th instant.

Yours truly,

Thos. A. Edison,	Cert. No.	8,33	Shares	S. Insull, Ctf. 10,	10 Shares
" " "	" "	15,33	"	S. " "	14, 10 "
Robt. L. Cutting	" "	0,33	"	H. M. Livor "	11,10 "
" " "	" "	16,20	"	H. M. " "	16,10 "
Chas. Batchelor	" "	17,13	"	J. Hutchinson	14, 2 "
W. S. Perry	" "	12,10	"	J. "	18, 2 "
W. S. "	" "	15,10	"	A. O. Tate	13, 2 "
				A. O. Tate	17, 2
		162			200

Dec. 11, 1889.

George E. Holbrook, Esq., President,

New York Telegraph Club,

New York City.

My Dear Sir:-

I beg to acknowledge the receipt of my Certificate of Membership in the NEW YORK TELEGRAPH CLUB, which was handed to me upon my return to the Laboratory.

The fact of my being elected an Honorary Member of your Association, has caused me much gratification, and I appreciate highly the compliment to myself embodied in such action.

Yours very truly,

Thomas A. Edison

Dec. 11, 80.

J. B. Mesmer, Coroner,

150 Second Avenue,

New York City.

My Dear Sir:-

I was very sorry not to have been able to comply with your request to testify at Fecks' inquest, but my engagements were such that it was impossible for me to get away. I suggested sending my Assistant, Mr. Kennelly, and received a telegram from you this morning, inviting him to go, but when he reached New York the verdict had already been delivered.

I understand that there is to be another inquest upon the body of the man Clausen, killed a day or so ago, and if the Coroner in charge of this case would like Mr. Kennelly to appear before him, the former can go to New York at any time that he is notified. Of course he expects no compensation.

Yours very truly,

Thomas A. Edison

Dec. 12, 89.

Prof. George F. Barker,

3809 Locust Street,

Philadelphia, Pa.

Dear Sir:-

I beg to confirm receipt of your telegram of 11th inst. as follows:-

"Can Dixon and myself see you Friday about air brake? Answer. G. F. B."

In reply to which I wired you to-day as follows:-

"Am going away and will not be back until Tuesday next. T. A. E."

Yours truly,

Thos. A. Edison

Dec. 11, 80.

To Whom It May Concern,-

The bearer of this letter, MR. D. M. YEOMANS, goes abroad in the interest of the Edison Phonograph Toy Manufacturing Company, of Boston, U. S. A., a corporation which is engaged in the sale of speaking dolls and toy figures, under license from myself. This Company has also the right to my inventions in the same connection during the next five years.

In handing this letter to Mr. Yeomans, I have been asked to say a word with relation to the commercial aspect of the Company's business. I cannot say more than that I have full confidence in its success. The field which it covers is a wide one; the market is already established; the novelties offered for sale are peculiarly attractive - in that, every condition seems to be favorable to the growth of a large business.

As the subject is one which can be readily understood by any person desirous of investigating it, I will add nothing further to this communication beyond the assurance that I will appreciate any courtesies extended to Mr. Yeomans by my friends.

Yours very truly,

[illegible]

Dec. 22, 30.

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

I enclose herewith copy of a letter under date 11th instant, which I received this morning from Mr. Everett Frazar, containing directions in regard to shipment of new spectacle attachments intended for Japan and Shanghae, formal order for which I sent you December 3rd and wrote you in relation thereto same date. Please carry out Mr. Frazar's instructions in regard to these and expedite their shipment as much as possible.

Very truly yours,

C o p y.

New York, Dec. 11, 1880.

A. O. Tate, Esq.,

Dear Sir:-

In reply to your favor of 3rd instant, I shall be obliged if you will send to my office in one box marked Frazar & Co., Yokohama, E. P. W. #1, the 9 new spectacle attachments intended for Japan, and in another small box marked Frazar & Co., Shanghae, E. P. W. #1, the three new spectacles for that house. I would like these as soon as possible. Please also let me know how soon the four presentation phones will be ready and I will give you instructions in regard to marking same.

I hope to receive a set of nos. of parts taken out by Mr. Churchill which you may have now been changed, together with the prices of the different parts, being required in Japan and China for replacement &c. Your prompt attention to the above, as I am pressed by each mail for same, will greatly oblige

Yours very truly,

(Signed) EVERETT FRAZAR.

Dec. 12, 1880.

The Morris Pur. & Am. Ex. Co., L'td.,

18 & 20 Broadway, New York City.

Dear Sirs:-

Your favor of 10th instant, notifying me of the arrival of the cases addressed to myself, containing marble statue &c., by S. S. "La Normandie," from Havre, and requesting me to send your invoice specifying value &c., in duly at hand.

I have received no invoice of this Statue, and the only verification on to its value with which I can furnish you, is the original telegram, announcing its purchase, received by me from my agent in Paris, Mr. W. J. Mather, and which I attach hereto. As stated in the telegram referred to, the price paid for Statue was eighty-five hundred francs.

Yours very truly,

[illegible signature]

Dec. 12, 90.

Benja. F. Stevens, Esq.,

New England Mutual Life Insurance Co.,

BOSTON, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"As it is impossible to furnish Yoemans with copies of European patents, I would suggest equipping him with a full set of United States patents, under which they are protected and which embody all the claims in European patents. I have a set I can give him. Please reply. A.O.T."

Yours truly,

Dec. 12, 1880.

Dear Mr. Stevens,-

I confirm elsewhere a telegram sent you this morning. I have a full set of the patents referred to, including the two Jacques patents. All the claims contained in these papers have been embodied in patents and applications abroad, all of which can be verified at the proper time. Meanwhile, I will arrange to obtain a list of these patents which I have not got at present. Mr. Edison's later patents in Europe were taken out by Col. Gourand, who is at present in America. I fear that during his absence from London, it will be difficult to obtain a correct record, but I am writing to his London office for such information on the subject as it is possible to get. I will give Mr. Yeomans a letter to the Manager of Col. Gourand's office in London, which may have the effect of facilitating matters. I enclose copy of a letter which has been forwarded to Mr. Yeomans and which I think embodies your ideas.

Yours very truly,

Benj. F. Stevens, Esq.

Dec. 12, 89.

Edison Phonograph Works,

O r a n g e, N. J.

Dear Sirs:-

When Col. Gourmud was here the other day, he said he desired ten (10) phonographs, packed in sets of twos, to be shipped as early as possible. He said that he would confirm this verbal order by writing me a letter, which I have not yet received. When this letter reaches me I will send you a formal order for these machines.

Yours very truly,

Dec. 13, 89.

D. M. Yeomans, Esq.,

31 West 31st Street,

New York City.

D e a r S i r :-

I enclose herewith a complete set of copies of United States Patents granted to Mr. Edison covering his inventions in connection with the toy phonograph. I have included in this set the two Jacques patents.

Yours truly,

Private Secretary.

Dec 13th 1889

Wm. P. Edison Esq.
Goodells, St Clair Co.
Mich

Dear Sir:-

As per request of Mrs W. P. Edison I beg to enclose you herewith a check for \$100.00

Please let me know if it reaches you and greatly oblige

Yours truly
John F. Randolph.

Dec. 12, 1889.

A. M. Brooks, Esq.,

Acting Superintendent Foreign Mails,

P. O. Dep't., WASHINGTON, D. C.

Dear Sir:-

Mr. Edison has read your letter No. 88,628 Ger., under date 10th instant, and has instructed me to say in reply that, he regrets very much the delay which has occurred in furnishing the Postal Administration of Germany with a phonograph, which they desire to acquire for their Imperial Postal Museum, and to inform you that he has to-day sent an order to his factory (Edison Phonograph Works), to ship at the earliest possible moment to the Post Office Department at Washington, Office of Foreign Mails, for transmission to the Imperial German Post Office, Berlin, two (2) of the latest type of phonographs, complete, with a supply of the necessary renewal parts, also fifty (50) musical cylinders and one hundred and fifty (150) blank phonograms, all of which he desires to present to the Postal Administration of Germany, of whose interest in his inventions he is the highest appreciation.

Mr. Edison will be indebted if you will kindly convey to the German Postal Authorities his thanks for the catalogue and pamphlet

which accompanied your communication under reply.

Yours very truly,

A. Tate

Private Secretary.

Dec. 12, 89.

Messrs. Weyher & Richemond,

50 Route d'Aubervilliers,

PANTIN (Seine), France.

Dear Sirs:-

I beg to acknowledge the receipt of your esteemed favor of 29th ultimo, informing me that you have sent to Havre, for shipment to America, all the working drawings for the two triple expansion engines of 150 and 300 h. p., with their condensers . I note what you say about the construction of the wood models, and shall be obliged if you will hurry forward the completion of this work as much as possible.

My letter to you of Nov. 21st, in reply to yours of 5th Nov., contained the instructions in regard to shipment of 300 horse power engine and condenser, that you ask for in your letter under reply. I asked you to make this shipment via Compagnie Transatlantique Line of Steamers from Havre, addressing it to THOMAS A. EDISON, NEW YORK, and advise me of the name of steamer that carried it. You have no doubt received the communication referred to, and have ere this carried out my wishes therein expressed. I have not yet received advice as to name of steamer.

Very truly yours,

Dec. 14, 1880.

H. Ward Leonard, Esq.,

United Edison Manufacturing Company,

New York City.

Dear Sir:-

Mr. Edison has asked me to acknowledge the receipt of your favor under date 11th instant, in which you enclosed a communication addressed to yourself by Mr. C. C. Warren, informing you of the action taken by him and his associate, Mr. Badt, in connection with a resolution recently passed by the Chicago Electric Club, in regard to Mr. Edison's opinions as expressed in his article which appeared in the NORTH AMERICAN REVIEW of last month. Mr. Edison feels very much indebted to your Western representatives for causing the revocation of the resolution referred to, and he will be under obligation to yourself if you will kindly convey to Messrs. Warren and Badt his most sincere thanks for the action which they have taken in the matter.

Very truly yours,

A. O. Tate

Private Secretary.

P. S. I return herewith Mr. Warren's communication.

Dec. 14, 1898.

Mr. Alois C. Ziegenfuss,

14 Clinton Pl., New York City.

Dear Sir:-

In reply to your letter of 10th instant, I regret to state that we are unable to inform you where you could obtain one of Mr. Edison's motophones. The only one in existence, of which we have any knowledge, was sent to the Paris Exposition, to be exhibited there with Mr. Edison's other inventions, and it has not yet been returned to America.

Yours truly,

Private Secretary.

Dec. 14, 80.

George T. Lewis, Esq.,

S. E. Cor. Fourth & Walnut Streets,

Philadelphia, Pa.

Dear Sir:-

The specimens of your ore which you sent to Mr. Edison were duly received at the Laboratory and tested. I am sending you by this mail, under separate cover, samples of the ore after having been subjected to Mr. Edison's process, and would suggest that you have them assayed. The red colored sample is iron, and will probably be found good 60% hematite, worth $5.00. The light colored ore probably contains all the zinc, with very little iron. If the results obtained are considered satisfactory, Mr. Edison will be glad to talk business with you. It requires a very considerable change in our process, in order to work the ore.

Yours very truly,

Private Secretary.

Dec. 14, 89.

Edward C. Mann, M. D., F. S. S.,

126 Park Place, BROOKLYN, N. Y.

Dear Sir:-

Mr. Edison has asked me to acknowledge the receipt of your esteemed favor of recent date, asking him to accept the title of Collaborator to the AMERICAN REVIEW OF ANTHROPOLOGY. Mr. Edison feels honored by your request, but is not desirous of accepting the title. He shall be much pleased, however, to become a subscriber to the Am. Review of Anthropology, and I enclose herewith five dollars ($5.00), covering his subscription for one year.

Yours very truly,

Private Secretary.

Dec. 16, 89.

Everett Frazar, Esq.,

124 Water Street, New York City.

Dear Sir:-

Your letter of 14th instant addressed to Mr. Tate, has come to hand during the latter's absence.

The Phonograph Works advise me that the musical cylinders intended for Japan will go forward to you this evening.

Yours very truly,

A. Ros. Lyons

Dec 16th 89

Lavey.

The Edison Phono. Toy Mfg. Co. 138 - 5th Ave New York.

Man with doll left for your office. await his arrival.

Sent 4 25 PM.

Edisons Laboratory.

Dec 17th 1889

Messrs Eaton and Lewis
120 Broadway
New York.

Dear Sirs:

I beg to enclose you herewith the Petition of Mr George R. McLean regarding Taxes.

Am not positive that clause after Fol. 4 is correct regarding payment of Taxes in Orange, and I have no way of finding out as Mr Edison is away, and the Orange House deal was made by Mr Edison and not through his Office

Answer to questions as per your request of the 11th inst

Mrs Edison died at Menlo Park N.J. between Aug 1st and 12th 1884.

Mr Edison was appointed Administrator through the American Surety Co. of New York

Very truly yours
Jas. H. Hanford

Dec. 16, 89.

Dear Master Kortheuer,-

Your letter of 3rd instant addressed to Mr. Edison was duly received.

Your boat appears to be well designed and looks a very creditable piece of work. There are more powerful batteries than the one you are using, but they are not usually made small enough for your boat. You can, however, make them yourself, if you wish to give as much time to the work as you already must have given to the other parts of the design. You will probably have to take out the two cells you have got, in order to give the necessary space. You can then put in five or six smaller glass cells, or if you have any difficulty in procuring them of the right size, you can insert wooden partitions, crosswise, like miniature bulkheads, about an inch apart. You should be very particular to get them all water tight, which you can effect by soaking them with asphalt varnish or marine glue. You will then have five or six cells in the boat itself. Then take a sheet of thin zinc and cut it up with shears into strips wide enough to fit in crosswise, one to each partition. Next get some carbon flat plates, whatever size you can that will fit one to each partition, and fill in finally with a

H. F. K. -2- Dec. 16, 1880.

solution of basic sulphate of mercury in water - about four ounces should be sufficient of salt for the six compartments. You will then have six complete cells. No porous cell or partition will be necessary, and the zincs will amalgamate themselves.

Yours very truly,

Private Secretary.

Master H. Frank Northener,

72 West 92nd Street, New York.

Dec. 17, 1889.

Most Rt. Rev. Michael A. Corrigan,

Archbishop of New York.

Most Reverend Sir:-

Mr. Edison has asked me to acknowledge with thanks the receipt of your esteemed favor under date 5th instant, enclosing a communication from the Rev. Mr. Lambert, of Paris, France, in which he suggests an application of the phonograph in connection with the deaf and dumb.

New uses are being discovered for the phonograph every day, and the field for its application would seem to be unlimited. Mr. Edison has already thought of using the instrument for the purpose which Mr. Lambert advocates so earnestly, but he has not yet had time to make the experiments which would be necessary to enable him to determine the most feasible method of accomplishing the result desired. Many persons in America interested in institutions similar to the one with which Mr. Lambert is connected have approached Mr. Edison on this subject; and they are all deeply impressed with the feasibility of applying the phonograph for the relief of the deaf and dumb. Mr. Edison himself is much interested in this branch of the subject, and may take it up some time in

the future. At present, however, other important experimental work, requiring his constant individual attention, prevents him from doing so.

I will mail to Mr. Lambert an acknowledgement of his letter in the course of a few days, and will then put him in communication with the parties controlling the phonograph in Europe, with whom he may be able to arrange for facilities for the experimentation which he desires.

I am,

Most reverend Sir,

Yours very respectfully,

Private Secretary.

Dec. 14, 1889.

E. R. Weeks, Esq., General Manager,

Edison Electric Light & Power Company,

Kansas City, Mo.

Dear Sir:-

Referring to your letter under date November 11th, Mr. Edison doubts if he will be able to arrange the phonograph discussion for the Convention to be held at Kansas City in February next.

I forwarded to Col. Mix the other day, for transmission to yourself, some data in regard to Mr. Edison's life, for use in connection with the biographical sketches which it is your intention to publish.

I am sending you by this mail, under separate cover, a large panel portrait of Mr. Edison, which the latter has dedicated to yourself.

Yours very truly,

Private Secretary.

Dec. 16, 1889.

George Ragar Montgomery, Esq.,

Authors' Club, #10 West 24th Street,

New York City.

Dear Sir:-

With reference to your letter under date 11th instant, addressed to Mr. Edison, in which you quote a statement concerning the phonograph made by an editorial friend of yours, to the effect that the instrument can only give a grotesque imitation of the sounds which have been recorded upon it, I beg to inform you that the author of this statement is laboring under a misapprehension regarding the capabilities of the machine in question.

The phonograph reproduces with absolute fidelity every sound recorded on it. If your friend understood the principle upon which the phonograph is based and was thoroughly familiar with the operation of the machine, he would not have made the statement which you attribute to him. The reproductions of human speech made by the phonograph are perfect, every inflection of the voice and peculiarity of pronunciation being preserved, and you are entirely justified in asserting that there is a perfect phonograph.

G. R. M. -2- Dec. 16, 30.

The idea embodied in your poem is correct, scientifically, and the sentiment of it impresses the writer as being very poetic.

If you will come out to the Laboratory some day, I shall be very pleased to demonstrate to you, by practical tests, the truth of the foregoing statements.

Yours truly,

Private Secretary.

Dec 19th 1889.

Mrs Lizzie Wardsworth
561 Euclid Avenue
Cleveland Ohio.

Madam.

Referring to your favor of the 16th inst I beg to enclose you herewith new note, please sign same and I will return the old one which falls due Dec 22. 1889

Very truly
Thomas A. Edison

R.

Dec. 10, 86.

Mr. W. S. Mallory,
7 West Randolph Street,
Chicago, Ills.

Dear Sir:-

Since the receipt of your letter of 7th instant, enclosing four months note for $3,500, Mr. Edison has been absent. He returned last night, however, and added his endorsement to the note, and it goes forward this morning to Mr. E. B. Mallory, #2233 St. Paul St., Baltimore, Md.

Yours truly,

Private Secretary.

Dec. 10, 89.

E. B. Mallory, Esq.,
2233 St. Paul Street,
Baltimore, Md.

Dear Sir:-

Will you please add your endorsement to the enclosed note for $3,500, and forward it to Mr. W. S. Mallory, #7 West Randolph St., Chicago, Ills. Mr. W. S. Mallory is anxious to be placed in possession of this note on the 21st instant. It is important, therefore, that you forward it to him with as little delay as possible.

Yours truly,

Thomas A. Edison

Dec. 10, 89.

My Dear Dick,-

I have your letter of 10th instant. I have been away with Mr. Edison for the past 10 days and we have just returned. In regard to Ore Milling business, Mr. Edison says that at present he does not desire to do anything further, preferring to await developments in connection with the work already started before deciding on any definite plan for the exploitation of the system.

With relation to your account, I am giving the matter every attention. The delays have been altogether unavoidable, and you can rest assured that I will get it settled at the earliest possible moment.

Yours truly,

Private Secretary.

A. B. Dick, Esq.,
Chicago, Ills.

Dec. 10, 89.

Messrs. Eaton & Lewis,

120 Broadway, New York City.

Dear Sirs:-

On my return after an absence of several days, I find your favor of 14th instant relative to my suit against Gilliland and Tomlinson. I desire you to push the taking of testimony in this matter as vigorously as possible.

Yours truly,

Thomas A. Edison

Dec. 19, 80.

Messrs. Drexel, Morgan & Co.,

New York City.

Dear Sirs:-

I return herewith draft on myself for 30,000 francs, drawn by Messrs. Weyher & Richemond, Pantin, France, which I have accepted.

Yours very truly,

Thos A Edison

Dec. 19, 89.

Benj. F. Stevens, Esq.,

New England Mutual Life Ins. Co.,

Boston, Mass.

My Dear Sir:-

I have received your letter under date 15th inst., in regard to the second section in the manufacturing contract between your Company and myself of August 6th, 1889. You will doubtless recollect that when I was requested to name a maximum price for the movements before we had commenced the manufacture of the same - in fact, before we had ordered any of our special machinery, it was with great reluctance that I named an amount, for the reason that at that time it was impossible to make an estimate with safety. As your Company was very anxious, however, to have me name a maximum price, I took the risk of doing so, in the full belief that if my estimate should prove too low, a satisfactory adjustment could be arrived at between us. Your interpretation of the second section of the contract above referred to is entirely in accord with the spirit of our agreement, and I am very much pleased that this spirit has been officially recognized by your

Executive Committee, whose views are communicated to me through your letter under reply. I am satisfied that we understand each other thoroughly. The work of manufacture will be proceeded with with all possible rapidity, and while we will take advantage of every circumstance which will promote the early delivery of movements, we will at the same time use our very best judgment where economy is to be considered, our desire being to furnish you with an article which will stand the test of criticism by the trade and which will be lasting. We appreciate the supreme importance of putting on the market as perfect an article as can be made, and we are leaving nothing undone to secure this end. The delays, such as have occurred, are all incident to the development of a new industry, but these troubles will disappear as our organization becomes more perfect. It is not practicable in this letter to acquaint you with the amount which the movements will cost in excess of the maximum price already named, but we hope to be able to give you this information in the course of a few days.

Yours very truly,

Thomas A. Edison

Dec. 10, 89.

Dear Mr. Connery,-

In another letter I have explained why your recent letters have not been answered earlier, and have given you Col. Gourand's address.

In regard to new machines, I presume there are some of them on the New York market, as we have been making shipments of them for a number of weeks past to the North Am. Phonograph Co. I presume you could see them at the office of the North Am. people, #160 Broadway, New York, but if you prefer to come out here, we shall be very glad to show them to you in our factory.

Yours very truly,

Private Secretary.

Thomas B. Connery, Esq.,

Richmond Hill, L. I.

Dec. 19, 89.

Messrs. Dyer & Seely,

40 Wall Street, New York.

Dear Sirs:-

I enclose herewith check to your order for $1,500 on account of bills rendered by you against Edison Phonograph Co.

Yours very truly,

EDISON PHONOGRAPH COMPANY.

Secretary.

Dec. 19, 89.

Thomas B. Cornery, Esq.,
Richmond Hill, L. I.

My Dear Sir:-

Replying to your letter of 18th instant, I beg to say that Mr. Edison has been away from Orange nearly all the time for the past month, and I myself have been absent for the past ten days. I wired you this morning that Col. Gourand's address was #74 Madison Avenue, New York City. In regard to letter which you forwarded here from the City of Mexico to be reposted to Col. Gourand, I beg to say that the same was mailed to Col. Gourand's London address immediately.

Yours truly,

Private Secretary.

Dec. 30, '20.

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

Confirming my letter to you of 12th instant, you will please forward to Col. Gouraud, London, immediately, ten (10) phonographs, packed in sets of twos. Expedite the shipment of these machines as much as possible.

Also send the necessary material to be substituted for parts now obsolete on phonographs already shipped on Col. Gouraud's account, as follows: 50 to Reubens, Copenhagen, and 25 to Stieltjes; also 50 to Edison House, Northumberland Avenue, London, observing the same shipping instructions as in the case of previous invoices. Col. Gouraud is anxious to have these orders filled with as little delay as possible.

Yours very truly,

Dec. 20, 80.

W. J. Jordan, Esq.,

Edison General Electric Company,

New York City.

Dear Sir:-

With reference to your letter of 16th instant, Mr. Edison would like you to send over to the Laboratory two (2) of the Van Choate lamps, for the purpose of testing.

Yours truly,

Private Secretary.

Dec. 20, 89.

The Morris European & Am. Ex. Co., L'td.,

18 & 20 Broadway, New York City.

Dear Sirs:-

Reply to your letter of 13th instant has been delayed on account of my absence. Pursuant to your request, I enclose herewith check to your order for eight hundred dollars ($800), on account, for duty. Kindly have the status passed through the Customs as quickly as possible, and oblige

Yours truly,

Thomas A. Edison

Dec. 20, 80.

Mr. John Birkinbine,

Philadelphia, Pa.

Dear Sir:-

I telegraphed you this morning in reply to your letter of 18th instant, as follows:-

"Come over this afternoon or to-morrow morning and bring Putnam data. T. A. E."

Yours truly,

Thos A Edison

Dec. 20, 80.

My Dear Mr. Francis,-

I have your letter of 14th instant in regard to phonograph. I understand that the North Am. Phonograph Company, which has entire control of this business, has arranged for an extension of the time during which they are permitted to import machines into Canada, but for all the details as to what they have done and what they intend to do, I must refer you to them, as I have no knowledge of the subject myself. Neither can I tell you at present what steps are to be taken in regard to manufacture of movements for speaking dolls in the Dominion. Mr. Edison has full control of the manufacture of this movement, and when the time comes he will take such steps as are necessary.

I take pleasure in forwarding you, under another cover, one of Mr. Edison's photographs as requested.

I hope you will be able to run out and see us next time you are down this way.

Yours truly,

H. M. Francis, Esq.,

Dec. 20, 80.

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

Referring to the attached correspondence in regard to exhibition of the phonograph in Orange, I am not able to name the occasion on which the machine last born exhibited, as mentioned in one referred to by the North American Phonograph Company; but I am aware that at some Church entertainments a machine has been loaned from the Laboratory. The last one which I recollect was in connection with a Fair held for the benefit of the Methodist Church, in which Mrs. Edison was interested. In that, I believe that Mrs. Edison herself operated the phonograph on the occasion in question, but, of course, without any idea on her part, or on ours, that it would cause any serious interference with the work of the New Jersey Company.

Yours very truly,

Private Secy.

Dec. 20, 1930.

Major S. B. Eaton,

120 Broadway, New York.

Dear Sir:-

With reference to attached letter from Mr. Lamill, will you kindly answer his question. The enclosed copy of Indian & Colonial Co. agreement will probably enable you to determine whether Johannesburg, South African Republic, is controlled by the Australasian Company, which latter is the successor to the Indian & Colonial Co.

Yours very truly,

[illegible]

[illegible] your letter, [illegible]

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Dec. 20, 89.

William E. Hibble, Esq.,

Myers, Florida.

Dear Sir:-

Referring to your recent letter in regard to Mr. Gilliland's proposed visit to Ft. Myers, I presume you are acquainted with the fact that Mr. Edison and Mr. Gilliland are no longer associated, and that Mr. Edison is suing the latter for the recovery of certain moneys. If Mr. Gilliland carries out his intention and goes to Ft. Myers, Mr. Edison wishes you not to permit him or any of his party to enter the Laboratory or to go about the premises belonging to Mr. Edison. Neither must any of Mr. Edison's property be used by them for any purpose whatsoever. It is unnecessary for me to go into details of instruction in this connection. You will understand from what I have said exactly what Mr. Edison's wishes are.

Thanking you for your letter, I am

Yours very truly,

Francis Robbins

Dec. 20, 89.

Mr. Kennelly,-

Would it not be a good idea for us to rewind the magnets of our phonoplex transmitter, so as to adapt them to the new battery?

Dec. 21, 1889.

Messrs. Bergmann & Co.,

222 Avenue B., New York City.

Dear Sirs:-

I enclose herewith copy of a letter which I have received from our Mr. Kennelly, relative to our new Phenoplex coil. Will you kindly carry out Mr. Kennelly's suggestions in this connection, and much oblige

Yours truly,

Electrician.

Copy.

Orange, 11th Dec., 1890.

A. O. Tate, Esq.,

Dear Sir:-

The accompanying phonoplex coil appears to be satisfactory in every respect except provision for insulation, which is an important one, as the momentary e. m. f. obtained from the coil is about 300 volts. I would suggest that the wires leading beneath the base to the terminals be in all cases insulated by thin rubber tubing with the bottom of the terminals covered by a thin layer of shellac or paraffine wax; also that a thin layer of shellac be spread in the form of varnish over the outer layer before coating with braid to prevent the possible absorption of moisture.

(Signed) A. E. Kennelly.

Dec. 21, 1930.

My Dear Mrs. Douglas,-

With reference to your letter of 14th inst., we have been unavoidably delayed in getting out the talking dolls, and it is doubtful if there will be any of them ready for Christmas. If it is possible, in any way whatever, to get you one before Christmas, I will do so. I think there is not the least doubt but that I can secure a doll for you before the new year.

Yours very truly,

R. M. Douglas, Esq.,

Newark, N.J.

Dec. 21, 89.

Lowell C. Briggs, Esq.,

c/o Temple Club, 33 West St.,

Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you last night, in reply to your letter of 18th instant:-

"Specifications mailed Stevens to-night from Dyer and Scully's office. A. G. T."

Yours very truly,

Edison Phonograph Works,
Orange, N. J.

Dec. 21, 89.

Dear Sirs:-

On the 7th of November Mr. Edison ordered a phonograph prepared for presentation to F. A. KRUPP. How is it progressing?

Yours truly,

Private Sec'y.

Dec. 21, 89.

Mr. J. H. Wood,
67 Liberty St., New York.

Dear Sir:-

Here is a notice that we have received from the Mutual Life Ins. Co., relative to expiration of fire ins. policy on certain of Mr. Edison's property. Please give it your attention.

Yours truly,

Private Secretary.

Dec. 21, 1880.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Mr. Edison desires you to prepare at once latest type phonographs (water motor) for presentation as follows:-

One (1) for JOSEF HOFMANN, with plate as follows:

"This phonograph is presented to Josef Hofmann by its Inventor, Edison (insert date) 1880."

One (1) for the Czar of Russia, with plate as follows:
"This phonograph is presented to His Imperial Majesty; ALEXANDER III, Emperor of Russia, by its Inventor, Edison (fill in date) 1880."

Two (2) for the Postal Administration of Germany, with plate as follows: "This phonograph is presented to the Imperial Postal Museum, Berlin, Germany, by its Inventor, Edison. (Insert date) 1880." Plate on each machine.

With the German Postal Administration machines, Mr. Edison wants you to send 50 first class musical cylinders, and 150 blank phonograms; also a supply of the necessary renewal parts.

With the machines for young Hofman and the Czar of Russia, you are to send with each two dozen first class musical phonograms and 50 blanks.

When these machines are ready for shipment, please inform us, and we will send you the necessary shipping instructions.

Yours very truly,

Private Secretary.

Dec. 21, 80.

Messrs. Dyer & Seely,

New York City.

Dear Sirs:-

In our suits for the sustaining of U. S. Patent 248,424, covering the combination of the inverted lamp and the reflector, it is alleged that the corresponding Italian patent has expired by limitation of term. Have you a copy of the Italian patent referred to? If so please send it out to the Laboratory at your earliest convenience, with such information as you may have regarding the facts in the case.

Yours truly,

Dec. 21, 89.

Thomas R. Lombard, Esq., Vice-Pres't.,

North American Phonograph Company,

160 Broadway, New York.

Dear Sir:-

Your letter of 12th instant addressed to the Edison Phonograph Works, in regard to a catalogue of musical phonograms, has been referred to us for reply.

Mr. Walter Miller will call on you Monday next and will bring with him a list of the musical phonograms which we now have in stock. You can then go over this list, and mark such selections as you desire to be included in the catalogue. We will see that a number of the selections catalogued are always kept on hand, from which to fill orders.

Yours very truly,

Edison Laboratory

by

Secretary.

Dec. 21, 1880.

Benj. F. Stevens, Esq.,

Boston, Mass.

My Dear Sir:-

I understand that Mr. Yeomans sailed on Wednesday last for Europe. I have written a letter to Mr. Edison's agent in London, Col. George E. Gouraud, Edison House "B," Northumberland Avenue, W. C., informing him that Mr. Yeomans will call upon him for information in regard to patents on the phonograph, and have asked him to give Mr. Yeomans every facility for obtaining what he wants. As I do not know Mr. Yeomans' address in London, it might be well for you to inform him of this arrangement.

Yours truly,

Dec. 21, 89.

Messrs. Harris & Martin,

Bull Block, Louisville,

Ky.

Dear Sirs-

I have received your letter of 16th instant, and if you will send me a list of the questions which you desire to have answered, I shall be very glad to comply.

The pressure of 500 volts employed on the trolley wire overhead electric railway system, is not dangerous to life; but the other wires to which you refer carry dangerous pressures.

With regard to the fire risk, all electric lighting and telephone wires which enter buildings should be furnished with safety fuses.

Yours ~~very truly~~,

Thos A Edison

Dec. 21, 1889.

J. M. Ceballos, Esq.,

80 Wall Street,

New York City.

My Dear Sir:-

Upon my return after an absence of ten days, I find your letter of 13th instant, asking for information in regard to G. M. Gouyard. This man is a first class mechanic - in fact, the finest workman in Mr. Edison's employ, and with a little training on the phonograph, he would prove to be an excellent Chief for your Mechanical Department. Mr. Edison does not think that he has the executive ability necessary for the work which you particularly refer to - that is the organization of your service in Mexico. This is a matter that a man with less mechanical knowledge and a greater amount of business qualification, could handle to better advantage.

Yours truly,

Private Secretary.

Dec. 21, 80.

Messrs. J. M. Ceballos & Co.,

80 Wall Street, New York City.

Dear Sirs:-

I beg to acknowledge receipt of your letter of 19th instant, in regard to the formation of a corporation to which it is intended to transfer the Mexican rights to the phonograph. The name which you have selected, namely, EDISON'S SPANISH-AMERICAN PHONOGRAPH COMPANY, seems to me to be somewhat too comprehensive. I think that your Company should be called the EDISON MEXICAN PHONOGRAPH COMPANY, which would identify it clearly with the territory that it will control.

Yours very truly,

Thomas A. Edison

Dec. 21, 80.

Col. George E. Gouraud,
74 Madison Avenue,
New York.

Dear Sir:-

When you were at the Laboratory the other day, I spoke about the phonographs which have been asked for by the German Government. We have received a letter from Dr. Werner Siemens, in which he states that the Government is very anxious to obtain these machines for the public schools in Prussia, and Mr. Edison believes that it would be very desirable to present them with what they require. He is willing to bear half the expense of carrying this idea into effect if you will bear the other half. Kindly let us hear from you at once.

Yours very truly,

Private Secretary.

Dec. 21, 90.

E. L. Powers, Esq.,

"Electrical Industries," The Rookery,

Chicago, Ills.

Dear Sir:-

I have received your letter of 11th instant, together with copy of your journal, "Electrical Industries," which I find to be a most interesting work. I am especially pleased with the directory of manufacturers and dealers in electrical supplies and appliances. I shall be glad to have you enter my name on your list of subscribers.

Yours truly,

Thomas A. Edison

Dec. 21, 89.

A. Blue, Esq., Secretary,

Ontario Mining Commission,

Dep't. of Agriculture, TORONTO, Canada.

Dear Sir:-

Mr. Edison has received your letter of 11th instant, in regard to his Ore Milling process, and asks me to inform you that we have a mill in Pennsylvania which has been running for several months. The concentrates are sold to local furnaces, which use 25% of these fine concentrates which are ground to 10 mesh, with 75% of regular large ore. Mr. Edison's latest machine, particulars in regard to which he is not quite prepared to publish, is designed specially for finely crystalized ore.

Yours truly,

Private Secretary.

Dec. 21, 89.

Col. Geo. E. Gourraud,
Edison House "B," Northumberland Ave.,
London, W. C., England.

Dear Sir:-

Mr. D. M. Yeomans, sailed on Wednesday last for Europe to attend to some business on behalf of the Edison Phonograph Toy Manufacturing Co., and he will call at your office, at my suggestion, to obtain information in regard to patents on the phonograph which have been taken out by you during the past few years. I will be indebted if you will kindly give Mr. Yeomans every facility for obtaining such information as he may require.

Yours truly,

Thomas A. Edison

Dec. 23, 89.

Dr. Werner Siemens,

94 Markgrafen-Strasse.

Berlin S. W., Germany.

Dear Sir:-

Mr. Edison has received your esteemed favor of 3rd instant, and has asked me to thank you for same. He is arranging for the phonographs required by the German Government, and will communicate with you in relation to same at the earliest moment possible.

Mr. Edison has also asked me to thank you for the description of your process of treating copper ore, which he received in due course of mail.

Yours very truly,

Private Secretary.

Dec. 23, 89.

Samuel Insull, Esq.,
[illegible] Wall Street, New York.

Dear Sir:-

I enclose herewith copy of a letter dated Dec. 18, 89, addressed by Mr. Villard to Mr. Edison, informing him that the Edison General Electric Syndicate has extended until April 1, 1890, the time of holding securities subject to its order.

Yours truly,

Private Secretary.

New York Dec. 18, 1889.

Thomas A. Edison, Esq.,
Orange, N. J.

Dear Sir:-

Referring to my letter of May 23rd of this year, calling for the payment of your participation in the Edison Gen'l. Electric Syndicate, and stating to you that you are expected to hold the securities then received subject to the order of the Syndicate until January 1, 1890, I beg to inform you that, in the interest of all parties concerned, the syndicate has extended until April 1, 1890, the time of so holding the said securities subject to its order.

H Villard

Yours truly,

Dec. 23, 1890.

L'Abbé L. M. Lambert,

No. 60 rue des Écoles,

Paris, France.

Dear Sir:-

Mr. Edison is indebted to His Grace, the Archbishop of New York, for referring to him your letter without date, in which you suggest an application of the phonograph in connection with the deaf and dumb. Mr. Edison receives a great many letters from all parts of the world, containing suggestions in regard to the phonograph, and he appreciates highly the interest which the public is taking in his invention. He has already thought of using the phonograph for the purpose which you mention, but never has had time to give the subject sufficient thought to enable him to determine as to its practicability. Since his return from Europe, he has started out on a new line of experiment, which demands his attention night and day, and it is impossible for him to undertake any additional work at present. Mr. Edison regrets that he cannot indicate a line of experiment for you to follow in this connection, but suggests that you communicate with Col. George M.

Gourraud, Little Menlo, Upper Norwood, Surrey, England, who controls the phonograph in Europe, and who may be able to afford you facilities for the experimentation which you desire.

Thanking you on behalf of Mr. Edison for your esteemed favor

I am, yours respectfully,

Private Secretary.

Dec. 23, 1889.

Mrs. F. Macleman,

L i n w o o d, Antigonish Co.,

Nova Scotia.

Dear Madame, -

Mr. Edison has received your letter under date 28th November, and has asked me to reply to same.

I regret very much that we have no literature here concerning the phonograph that I could send with this letter. I think, however, that you can obtain pamphlets &c. explanatory of the instrument, from the perusal of which you can form a very good idea as to its capabilities, by applying to the North American Phonograph Company, No. 160 Broadway, New York City, which controls the phonograph in Nova Scotia. The machine is not very large, occupying, with cabinet stand, only about as much space as would be taken up by a sewing machine. It is very well adapted for the reproduction of music, and is being extensively used for that purpose. The North American Company does not sell the instruments, but rents them to their customers, charging, I believe, $40 per year for each machine. Whether or not the musical reproductions of the phonograph would answer for Church purposes depends largely upon

Mrs. F. M. -4- 10/15/89.

the size of the edifice in which the instrument would be used, With the aid of a funnel, to magnify the sound, the music so produced is perfectly audible throughout a large sized hall.

An article on the phonograph written by Mr. Edison, appeared in the NORTH AMERICAN REVIEW (published in New York City) during the early part of last year, and you could obtain from this all the information you desire in regard to the capabilities of the machine.

Yours respectfully,

Private Secretary.

Dec. 23, 80.

William M. Hoes, Esq.,
60 Wall St., New York City.

Dear Sir:-

With reference to your circular letter of 14th inst., Mr. Edison has much pleasure in subscribing for a ticket to the Fifth Annual Dinner of the Holland Society, and I enclose herewith ten dollars to cover cost of same. Mr. Edison cannot state at this time whether or not he will be able to be present at the Dinner , but if it is at all possible, he will be there.

Yours very truly,

Private Secretary.

Dec. 23, 80.

The Morris Par. & Am. Express Co., L't'd.,

18 & 20 Broadway, New York City.

Dear Sirs:-

I enclose herewith receipt for 8,500 francs, amount paid by my agent for statue about which we have been in correspondence. Kindly return this receipt to me. I also enclose bill of lading, and would ask you to expedite the passage of the statue through the Customs.

Yours very truly,

Thomas A. Edison

Dec. 23, 89.

Col. George E. Gourand,

Little Menlo, Upper Norwood, Surrey,

England.

Dear Sir:-

I beg to confirm the following cablegrams received from you and sent by me:-

N O S I D E, N. Y. London, Dec. 17, 1889.

"Salaried Colonel."

N O S I D E, N. Y. London, Dec. 17, 1889.

"Slurring new phonograph."

NOSIDE, LONDON. New York, Dec. 20, 1889.

"Colonel here; new phonographs few days."

Yours very truly,

[illegible]

Dec. 23, 1889.

Henry Villard, Esq.,

Mills Building, New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 18th instant, informing me that the Edison General Electric Syndicate has extended until April 1, 1890, the time of holding securities subject to its order.

Yours truly,

Thomas A. Edison

Dec. 24, 82.

Messrs. Dyer & Seely,
40 Wall St., New York.

Dear Sirs:-

I have received from you receipt for the third annuity on Mr. Edison's German patent No. 24,991 on cut outs for incandescent electric lamps, the same having been enclosed with your note of 23d instant.

Yours truly,

Private Secretary.

Dec. 24, 82.

H. M. Liver, Esq.,
10 Dey St., New York.

Dear Sir:-

I enclose herewith translations of several communications which we have received from Messrs. Meyner & Richemond, Pantin, France.

Yours truly,

Private Secretary.

Translation.

Puttin, 9th December, 1880,

Thomas A. Edison,

Dear Sir:-

We take great pleasure in expressing to you the great pleasure that your beautiful portrait, with its amiable dedication, has caused us, and we thank you very cordially for this gift, which will be for us a precious souvenir of the honor we have had in entering into personal relations with you.

Complete working drawings of the machines have gone by the packet boat "La Bourgogne," and we hope that you will have them very shortly.

The models of the 150 h. p. engine have been sent last week, 4th December; they will go by the first boat.

Accept, Sir, the expression of our sentiments, very distinguished and devoted.

(Signed) A. WEYHER.

OVER.

POSTSCRIPT.

We regret very much not being able to change the direction of the movement of the engine, as you wish, this being the reason: The direction is such that the oblique pressure of the crank presses the head of the piston upon the bottom of the slide. In the other direction, on the contrary, this piece would necessarily rub upon the sides of the slide where the rubbing surface is much more slender. As to the augmentation of speed, we do not dare to state that it could take place without inconvenience but you will be free to try it yourself if you judge it desirable. The direction of the governor lends itself very readily either in augmenting the force of the springs or diminishing the weight of the masses.

Translations of Cablograms.

Dec. 16, 1889.

"Models 150 horse power left upon Gascogne.

WEYHER."

December 24, 1889.

"300 horse power machine left by Normandie.

WEYHER."

Dec. 24, 98.

A. MacGrattor, Esq.,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

Mr. Insull's office, New York, telephoned me this afternoon to the effect that $9,720.82, representing the proceeds of two Phonograph Works notes discounted by Mr. Chapman, have been deposited to your credit in the Third National Bank. I made an effort to convey this information to you by telephone immediately upon its receipt, but there was no response to "Central's" persistent ringing.

Yours very truly,

A. Tate
Jr.

Dec. 24, 89.

George M. Hopkins, Esq.,

861 Broadway, New York City.

Dear Sir:-

With reference to your letter of 21st instant to Mr. Edison, I am advised by the Phonograph Works that they are sending you to-day 6 each diaphragms and rubber rings for the phonograph. If you will send the manuscript music to the Laboratory, we shall be very pleased to prepare for you the cylinders which you desire. Please state what instrument you wish the music played on. Piano or clarionet would be most convenient for us.

Yours truly,

Private Secretary.

Dec. 26, 99.

A. B. Dick, Esq.,

152 Lake Street, CHICAGO,

Ills.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"New licence will prohibit formation foreign Companies without my written consent. If such new contemplated you must submit details for my approval. If no Company contemplated I object to a name which is misleading. T. A. E."

Yours truly,

Thomas A. Edison

Dec. 26, 1899.

Major S. B. Eaton,

#120 Broadway, New York City.

Dear Sir:-

Referring further to your letter of 13th instant, in regard to our suits for sustaining U. S. Patent #248,424, I have no records here to show whether the corresponding Italian patent has expired or not. The records of the European Co. might show it, and if it is possible for you to wait until I can get into town to examine these records, I shall be very glad to do so and advise you of the result of my search. Perhaps you could find out the facts in the case more quickly by cabling abroad.

Yours truly,

Private Secretary.

Dec. 26, 1889.

M. Eisenlord, Esq.,

Kansas City, Mo.

My Dear Sir:-

Mr. Edison has asked me to acknowledge the receipt of your letter under date 11th instant. Your inquiry as to how he came to be an operator, is answered in the following extract from a recent biography of Mr. Edison, which has the merit of being strictly accurate:-

". . . . He now turned his attention to telegraphy, and in "the following manner. Standing one day on the platform of "Mount Clemens Station, he saw the son of the Station Master, "a child of three years, in danger of being run down by an "approaching train. Springing to his assistance, Edison succeeded in getting the boy off the track a few seconds before "he would have been crushed beneath the wheels of the locomotive. The child's father out of gratitude, offered to "teach Edison telegraphy, and here his career as an operator "commenced. He rapidly acquired the art and as rapidly "turned it to profitable account. The telegraph office was "some distance from the town. Edison strung a wire from the "Station to a Drug Store, equipped it with instruments, placed "an assistant at the other end, and received ten cents for "each message which he repeated over his private line, which "was, however, in a few months sacrificed to corporation greed, "as the Western Union Telegraph Company, noting the profitable "business which Edison was building up, run one of their own "wires to the town."

Yours very truly,

Private Sec'y.

Dec. 26, 80.

The Morris European & Am. Express Co., Ltd.,

18 & 20 Broadway, New York.

Dear Sirs:-

I have your letter of 24th instant, with enclosures as stated.

Please forward the Statue to Orange by express, and oblige

Yours truly,

Thomas A. Edison

Dec. 13, 1880.

F. A. Krupp, Esq.,

ESSEN, Germany.

My Dear Sir:-

Your courteous letter under date 23rd of November, reached me in due course of mail.

I regret exceedingly not to have had the pleasure of meeting you while in Germany. My visit to the latter country, though of brief duration, was rendered so very pleasant by the many kind friends whom I met there, as to make me desirous of repeating it, and when I do so, rest assured that I shall be only too glad to avail myself of the invitation so kindly extended to me in your letter under reply.

Your phonograph is not quite finished yet, but is progressing rapidly towards completion, and I hope to have the pleasure of forwarding it to you at an early day.

Believe me, yours very truly,

Thomas A. Edison

Dec. 26, 89.

St. James Club,

12 East 29th St., New York.

Dear Sirs:-

I have only to-day learned that Mr. [illegible] is indebted to the St. James Club for [illegible] dues, amounting, I understand, to $10.00. Mr. Edison was under the impression, and I [illegible] believed, that several months ago his resignation was presented to your Secretary. I enclose herewith ten dollars to cover the amount of his indebtedness, and would ask you to lay before your Secretary this communication, in which I indicate Mr. Edison's desire to discontinue his membership in the St. James Club.

Yours truly,

Private Secretary.

Dec 27th 1889

Mrs Lizzie Wardsworth
Cleveland Ohio

Madam:

Your favor of the 23rd inst came duly to hand enclosing new note to replace the one which was payable Dec 23 1889 for $50.00 and I enclose you herewith the old one

Very truly
Thos. A. Edison
R.

Dec. 28, 89.

Edison Electric Illuminating Co.,

Mount Carmel, Pa.

Dear Sirs:-

I beg to acknowledge receipt of your check for $06, in payment of Dividend No. 1.

Yours truly,

Thomas A. Edison

Dec. 22, 80.

Mr. J. W. Gladstone,
Edison Mfg. Company,
Orange, N. J.

Dear Sir:-

I enclose herewith copy of a letter received by me this morning from Mr. James F. Kelly, in which he advises me of certain complaints made to him by the North American Phonograph Company, in regard to our battery business. It is very important that you send a bill of lading with every invoice furnished these people, and you will please see that their wishes in this connection are carried out in future. Also please see that your bill book is made up daily and sent to the Laboratory in time for us to make out invoices and mail them on date of shipments, or at farthest the next day.

Yours truly,

Copy.

New York, December 27th, 1880.

A. O. Tate, Esq.,

Orange, N. J.

Dear Sir:-

I am advised by the North Am. Phonograph Co. that they very often receive an invoice for goods without a bill of lading. They receive a receipt which will not take the place of the bill of lading. Kindly see to it that the Edison M'f'g. Co. sends a bill with each shipment.

Another complaint they make is, that they do not receive bill for goods shipped till several days after shipment. All the other concerns they deal with send them bill the day of shipment, or at the farthest the next day.

They make still another point, that when they give shipping directions those shipping directions should be carried out to a letter. For instance, on a recent shipment they instructed you to mark the goods via "Erie Dispatch, Chicago, Minn. & St. Paul," the goods came marked "Erie Dispatch," without any mention of Chicago, Minn. & St. Paul, the result was that the goods did not get to their destination as quickly as they would otherwise.

I am also asked to call your attention to the price of paraffine oil sold in connection with our new battery. This oil was billed to the N. A. P. Co. at 15 cents per bottle. They consider this an extremely high price and think it should be reduced.

A. O. T. -2-

Another point is, that paraffine oil is not included in the parts of the battery, whereas they have always understood heretofore that the paraffine oil was so included. They claim also that you have increased the cost of several parts of the battery while you claim to have reduced them. For instance, you now charge for the rubber lug 10 cents, whereas you originally charged for the lug 2 1/2 ¢. They hope that you will look into the costs of parts, and so rearrange them as to admit of getting in the price of the paraffine oil as one of the parts, and still not make the cost of the battery more than three dollars. Kindly let me know at your earliest convenience what you think of their claims, and oblige

Yours truly,

(Signed) JAMES F. KELLY,

General Sales Agent.

Dec. 28, 80.

H. E. Smith, Esq., G. T. D.,

N. Y., N. H. & H. R. Co.,

New Haven, Conn.

Dear Sir:-

Our Superintendent has read that part of your letter of 27th instant having reference to the trouble experienced by you with our battery in connection with the phonograph, and says that in all probability the battery failed to work the phonograph very well for the reason that it was not short circuited quite long enough. The battery will run the phonograph for 100 hours, and in using it for the first time it should be short-circuited for about ten minutes. We will see that the oxide plates in the cells which we are now sending you are reduced sufficiently at surface.

Yours very truly,

December 28,89.

Samuel Insull, Esq.,

41 Wall St., New York.

Dear Sir:-

Replying to your letter of 6th instant, I enclose herewith copy of a communication from Messrs. Eaton & Lewis, in regard to Mr. Edison's agreement with the Australasian Company.

Yours truly,

Private Secretary.

Copie

New York, December 26th, 1890.

Thomas A. Edison, Esq.,

Dear Sir:-

Re Electric Light Patents for Johannesburg and the South African Republic. Replying to Mr. Tate's letter of the 20th instant, asking whether the above territory belongs to the Australasian Company, we beg to say:

(1) We cannot ascertain for a certainty whether any patents whatever are granted in the South African Republic. Neither Campbell nor Abbott, in their works, make mention of this country. The presumption is that there are no patents granted in that country.

(2) In case there are no patents, does the agreement of March 1, 1888, between Mr. Edison, the Marquis of Tweeddale and others, cover good-will? The language of the contract is: "Privileges, rights and interests." It is difficult to say just what is covered by these words, but probably they would be held to cover good-will.

(3) Is the South African Republic covered by the said agreement of March 1, 1888? That is to say, does it belong to the Australasian Company? There are two sides to this question. It may be that the said agreement was meant to cover only the English colonies, but this is not clearly expressed. The recitals in the agreement specifically mention the English Colonies, but the agreement itself speaks of South Africa without any restriction. Probably all of South Africa, including what is now known as the South African Republic (no matter what it was known as in 1888) is covered by the agreement, and belongs to the Australasian Company.

(4) Assuming that there is no law for Patents in the South African Republic, and remembering that the question is in doubt whether, as stated above, the said agreement covers the South African Republic, and remembering also that good-will is possibly also not covered by the said agreement, can you safely sell a plant for Johannesburg? The best answer to be given to this question, with the limited information now before us, is that you must do so at your peril. It is impossible to give a yes or no answer to this question, by reason of the papers now before us. If it should turn out that you had no right to make the sale, you would probably have to lose over your profits and nothing more. Whether you care to take that risk, is a practical business question for you to decide.

We think however that you have the said agreement of March 1, 1888, and not by Mr. Tate.

T. A. B.

Hoping the above will be satisfactory, we remain

Very truly yours,

(Signed) EATON & LEWIS.

Dec. 30, 1880.

Philip S. Dyer, Esq.,

A n t w e r p , Belgium.

Dear Sir:-

Your letter under date 18th instant to Mr. Edison has been received. We do not understand what you mean by referring to Lalande's Secondary battery. In our letter to you, asking you to obtain from Lalande authority for Mr. Edison to use the battery for which he has already contracted, for electric lighting purposes, we made no reference whatever to Lalande's Secondary Battery, and cannot see in what way you could have misinterpreted our communication. What Mr. Edison wants is the right to use the primary battery for electric lighting purposes, up to say 25 lights. In Mr. Edison's contract with Lalande, exception is made to electric lighting. Mr. Edison does not desire to use Lalande's Secondary or Storage Battery at all.

In regard to analysis of the two samples of ore forwarded you, it would doubtless be more satisfactory to your correspondent if you were to have the analysis made over there.

Yours truly,

Private Secretary.

Dec. 31, 80.

Mr. Samuel C. Bunn,

Concord, N. C.

Dear Sir:-

With reference to your letter of 23d instant, addressed to Mr. Edison, I enclose herewith check to your order for one hundred and fifty dollars ($150), receipt of which please acknowledge.

Pursuant to your request, check for $52.80 was sent several days ago to Messrs. Coe & Williams, Denver, Colorado, to cover premium on your life policy, receipt for which, if received by us, shall be forwarded to yourself.

Your various letters and samples of ore have all been rec'd., and are having attention in our Ore Milling Department.

The cans of N. C. honey which you mention have not yet been received at the Laboratory, nor at Mr. Edison's residence.

Yours truly,

Private Secretary.

January 2, 1890

Col. George E. Gouraud,

74 Madison Avenue,

New York City.

Dear Sir:-

The following cablegram from London addressed to yourself c/o Mr. Edison, was telephoned to us this afternoon by the Orange office of the Western Union Tel. Co.:-

"Will give fifty pounds cash for present machine. Wire ARCHIBALD."

Yours truly,

Private Secretary.

Dec. 2, 1889

Mr. H. M. Ivor,

10 Dey St., New York.

My dear Sir,-

I enclose herewith translation of a letter addressed to Mr. Edison by Messrs. Wopher & Richwood, Pantin, France, under date 20th December, 1889.

Yours truly,

Translation.

Pantin. 20th December, 1882.

Thomas A. Edison,

Dear Sir:-

We have the honor to enclose drawing showing how an engine of 300 horse power may be installed, with its condenser, thinking that this design might be useful to you. While at this point we recommend to you very strongly when you put the machine in place to well instruct the workmen upon the manner of caring for the metallic stuffing-boxes of the rods of this machine. The stuffing boxes should always be very slightly drawn up by hand only. They should never be pressed when the engine is working, but only when it is stopped. During the first four or five days of operation there may be some escapes of steam, which it should not be the object to cut off suddenly. They will themselves disappear at the end of a little while. All the furnishings of the piston rods of your machine are new, and the least excess of pressure will put them out of service in an instant. It would produce a heating that would melt the metal when the pressure would be too strong. The appointments are excellent, but on the condition of being thoroughly well watched. It is essential also that the oiling with mineral valvoline should never be wanting in the cylinders.

The principal parts of your machine have left our workshops to-day, and we hope that they will be put on board the transatlantique steamship next Saturday, of which we will send you the name by cable as soon as we shall be satisfied of their departure.

(Signed) A. WEYHER.

January 2, 1890

Messrs. Dyer & Seely,

40 Wall Street,

New York City.

Dear Sirs:-

I enclose herewith copy of a letter under date 16th December, 1889, received by Mr. Edison from the Cie. Continentale Edison, Paris, and would ask you to kindly comply with the in request.

Yours very [illegible]

Private Secretary.

Copy.

Paris, 10th December 1889.

Thomas A. Edison,

Dear Sir:-

We are in receipt of your wire:

"Canadian patents decided favor Edison. Dyer."

Will you be kind enough to request at once Messrs. Dyer and Seely to send us a copy of this very important decision. Thanking for trouble.

Yours truly,

Compagnie Continentale Edison

(Signed) by. LOUIS RAU.

We congratulate you sincerely to this new success.

January 2, 1890

Compagnie Continentale Edison,

8 Rue Caumartin, P a r i s ,

France.

Dear Sirs:-

Mr. Edison has received your esteemed favor under date 16th December, 1889, requesting him to instruct Messrs. Dyer and Seely to forward you a copy of the decision rendered recently by the Canadian Courts in favor of the Edison Patents, and I have to-day written Messrs. Dyer & Seely, asking them to immediately comply with your request.

Yours very truly

Private Secretary.

January 2, 1890

Everett Frazar, Esq.,

124 Water Street,

New York City.

Dear Sir:-

I regret very much not being able to furnish the information which you desire relative to cost of phonograph parts. I, however, am entirely dependent upon the Edison Phonograph Works for this data, and their failure to supply me with it rendered me unable to comply with your request. They have promised to put me in possession of the necessary information some time this week without fail, they themselves not having yet completed their list of costs, and as soon as they do so, I will make out a detailed list, showing the price of the different phonograph parts, and forward it to you without delay.

Regretting the inconvenience which the want of these prices has caused you

I am, yours very truly,

Private Secretary.

Jan. 5, 1894.

Mr. George W. Ketcham,

c/o Central Stamping Co.,

P. O. Box 1907, New York City.

Dear Sir:-

Mr. Edison has received your letter of 26th instant, and says that the conditions which you have adopted covering the installation of an electric street railway in Newark, are excellent with the exception of your reference to storage batteries. Mr. Edison does not endorse the use of storage batteries in this connection.

Yours truly,

Private Secretary.

Jan. 3, 1890.

A. B. Dick, Esq.,

152 Lake Street,

Chicago, Ills.

Dear Sir:-

Mr. Edison returned this morning, and I handed him your letter of 27th ult., in regard to "Detroit Storage Battery." He has no information pertaining to this particular storage battery, but his opinion in regard to storage batteries in general, namely, that they are impracticable, unreliable and noncommercial, will cover the case in question.

Yours very truly,

Private Secretary.

Jan. 3, 1900.

A. B. Dick, Esq.,

152 Lake Street, Chicago,

Ills.

Dear Sir:-

I beg to confirm the following telegram sent you to-day:-

"Foreign license for your Company ready for signature. Understand you are coming to New York. Shall I hold papers or send them on?"

Yours truly,

Private Secretary.

Jan. 5, 1890.

Samuel Insull, Esq.,

44 Wall Street, New York City.

Dear Sir:-

Referring to the attached from Messrs. Stearn & Curtis relating to the incorporation of the Edison Mexican Phonograph Company, Mr. Edison has looked at the certificate and made no comment. The name, "Edison Mexican Phonograph Company," was adopted at Mr. Edison's suggestion, in lieu of the "Edison Spanish American Phonograph Co.," which was at first proposed by Mr. Coballes and his friends, but which Mr. Edison considered a little too comprehensive. Have you anything to say regarding this certificate? If not, will you kindly return it to Stearn & Curtis, and indicate Mr. Edison's approval.

Yours very truly,

Private Secretary.

Jan. 3, 1890.

Dear Sir James,-

I have received your letter of 24th ult., in regard to deposit of magnetic hematite which you have discovered in the Northwest. The sole value of such a deposit as this depends entirely upon its accessibility. I observe that the deposit in question is 30 miles from the C. P. R. R., which would, of course, necessitate building a branch road to reach it. As there is no market in Canada for iron ore, it would have to be shipped to Pittsburgh, and I fear that when you compute all the expense of mining, handling, transportation and duties, you will find that pure iron could not be delivered from such a distance at a profit. Of course my ideas are based upon ruling rates of transportation charges in this country. You may be able to do better in Canada. Perhaps you have some estimates prepared, showing the cost of marketing this ore. If so, I will be very glad to look at them.

Yours very truly,

Thos. Shaughnessy.

Sir James Grant,
150 Elgin St., Ottawa, Canada.

Jan. 3, 1900.

Mr. W. E. Hibble,

Myers, Fla.

Dear Sir:-

Your letter to me under date 26th ultimo, has been submitted to Mr. Edison, and he desires me to say that he would be very glad to confine your services to himself. I presume you will notify Mr. Gillilland of this arrangement.

Wishing you the compliments of the season,

I am, yours very truly,

Private Secretary.

Jan. 3, 1890.

Mr. Arthur Kitson,

West Upsal Street,

Germantown, Philadelphia, Pa.

Dear Sir:-

Mr. Edison has received your letter of 27th instant, and desires me to say that he is interested in property such as you describe, and will be glad to see you in Orange any time you find it convenient to run over, if you desire to place the matter before him in greater detail.

Yours very truly,

Private Secretary.

Jan. 3, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

With reference to the phonographs which you are preparing for presentation to the German Postal Administration ~~xxxx/xxxxxxx~~, Mr. Edison is very anxious to have delivery made of these machines, and I would ask you to name a day when they will be ready for shipment.

Yours very truly,

Private Secretary.

January 3, 18[illegible]

Edison Phonograph Toy Mfg. Co.,

#96 Milk St., Boston, Mass.

Dear Sirs:-

I take pleasure in informing you that we have commenced making deliveries to your representative in New York, our output to-day amounting to fifty complete speaking dolls, which represent the initial capacity per diem of our Assembling Room. By the beginning or middle of next week we will be able to double this output, which will be further increased with all possible despatch in approach of the maximum number which we are authorized by yourselves to manufacture daily.

We have a great number of parts on hand, and ample machinery capacity for maintaining a larger output than you at present require, and our efforts now are directed towards equalizing the capacity of our hand labor, which is concentrated in our Assembling Room. This we will accomplish in the course of a few weeks, when we will be able to work up to the limit of your orders.

Yours very truly,

Thomas A. Edison

Jan. 3, 1890.

My Dear Insull,-

Are you doing anything about the Ceballos matter? Mr. Ceballos has written for an interview with Mr. Edison, as you know, and he is very much disappointed that he cannot see him. I have been holding the matter over and referring various communications to you in case complications should arise with Gourand. Mr. Cornery now writes a very feeling letter, deploring his loss of "influence" with the Edison Administration, and asking if it cannot be arranged for Mr. Ceballos to meet Mr. Edison.

Yours very truly,

Private Secretary.

Samuel Insull, Esq.,

[illegible] Wall St., New York.

Jan. 3, 1889.

Hy. My Livor, Esq.,

19 Doy St., New York.

My Dear Livor,-

Mr. Edison has received your very profane letter under date 1st instant, in regard to Mr. S. O. Edison, and says that he will take care of the matter. S. O. delivered the Ogden papers to Mr. Edison about a week ago.

Yours very truly,

Private Secretary.

Jun. 6, 1899.

F r i e n d H o w a r d :-

I have your letter of 31st ultimo. I am sorry that I cannot give your friend permission to use the phonograph in connection with a clock, but I have already made arrangements which place this combination in hands other than my own, where it is being worked up and will before very long be brought out. When these phonographic clocks are in the market, you and your friend will have no trouble in acquiring the right to use them.

Thanking you very much for your kind wishes, and sincerely hoping the Properties on the Sunion

I am, yours very truly,

Thomas A. Edison

Henry Howard, Esq.,
Providence Telephone Co.,
Providence, R. I.

January 4, 1890

Messrs. Bergmann & Co.,
New York City.

Dear Sirs:-

Several months ago we received from John Verity and Sons, London, England, an order for three meters of high ampere capacity, which we believe was addressed to Mr. Kennelly. Mr. Kennelly forwarded this order to yourselves, and asked you at the same time to send the meters to the Laboratory to be tested as soon as they might be completed. We are this morning in receipt of a cablegram from the Veritys, as follows: "Cannot fix meters; send directions instantly." As these meters were larger than any which have been made heretofore, Mr. Edison was particularly anxious that they should be sent to the Laboratory to be tested and the data preserved for the information of the Edison American interest. He does not understand why Mr. Kennelly's request should have been ignored, provided, of course, that the meters referred to by Verity & Sons, are the three to which we now have particular reference, and not some others that you have shipped upon their orders direct. Mr. Edison would like to hear from you on this subject.

Yours very truly, EDISON LABORATORY,
By

Jun. 4, 1900.

Charles Batchelor, Esq.,

Dear Sir:-

I enclose herewith statement of your account with Mr. Edison to November 1st, 1899, showing an amount due you on that day of $7,268.37. This statement covers all items accruing, with the exception of stock of the Toy Phono. Co., and stock of the Edison Phonograph Works. I cannot give you a statement of these two items until our books are made up to the end of the year.

If you will kindly approve the attached statement and return it to me, I will arrange a settlement with Mr. Edison at once.

Yours very truly,

Private Secretary.

Jan. 4, 1890.

Mr. William Burlingham,

Newport,

R. I.

Dear Sir:-

We write to inform you that after next week we shall not need your services any longer, as all our drafting work is generally about finished.

Yours truly,

W. R. Patterson

Pattersons

Jan. 6, 1900.

A. M. Brooks, Esq.,
Acting Sup't. Foreign Mails,
P. O. Dep't., Washington, D. C.

Dear Sir:-

With reference to your letter No. 88922 Gen., addressed to Mr. Edison, I beg to inform you that the Edison Phonograph Works inform us that they expect to be able to make shipment of the two phonographs for presentation to the Postal Administration of Germany, on Saturday next, 11th instant. Mr. Edison will act upon your suggestion relative to causing the packages to be specially delivered to the Postmaster in New York, and will at the same time advise him by letter of the nature of the contents and instruct him to hold same until instructed by your Department as to their disposition.

I observe that in your letter under reply you quote me as stating in my former letter "two of the LARGEST type of phonographs complete &c.," whereas the extract in question reads, "two of the LATEST type phonographs complete &c."

Yours very truly,

Private Secretary.

Jany. 6, 1890.

The Provisional Committee for the Electro-technical
Exhibition at Frankfort on M. 1890,

F r a n k f o r t o. M., Germany.

Dear Sirs:-

Mr. Edison has asked me to acknowledge the receipt of your circular letter under date 20th November, 1889, and to say in reply that he regrets very much he will be unable to make a display of his inventions at the Electro-technical Exhibition, which it is proposed to hold in June next at Frankfort.

Yours very truly,

Private Secretary.

Jan. 6, 1890.

Major S. Flood Page,

The Edison & Swan United Electric Light Co., Ltd.,

100 Victoria St., Westminster, S. W., England.

Dear Sir:-

I am very much obliged by your kind letter under date 17th ultimo, in reply to mine of 27th November last, in which you inform me that it will afford you pleasure to impart to my legal representatives, Messrs. Eaton & Lewis, all the information at your disposal in regard to the "Feeder" patent.

Wishing you the compliments of the season

I beg to remain, yours very truly,

Thomas A. Edison

Jan. 6, 1900.

Major S. B. Eaton,

120 Broadway, New York.

My Dear Sir:-

I beg to enclose herewith for your information copy of a letter under date 17th December, 1899, received by Mr. Edison from Major S. Flood Page, of The Edison & Swan United Elec. Light Co., London, England, in which he informs Mr. Edison that it will afford him great pleasure to impart to yourself all the information at his disposal in regard to the "Feeder" patent.

Yours truly,

Private Secretary.

C o p y.

London, 17th Dec., 1889.

Dear Mr. Edison,-

I beg to acknowledge the receipt of your letter of 27th November, together with another from Major Eaton, dated December 4th.

I need hardly say that it will afford me very great pleasure to be the means of giving you any information that we have at our disposal with reference to the "Feeder" patent. We are however only in the initial stage and I think we shall best meet your views by sending a copy of Major Eaton's letter to our Solicitors, Mess. Ashurst, Morris, Crisp & Co., and asking them to supply me with their views of our present position.

I will write by this mail to Major Eaton in the same sense as I am now writing to you.

I am very hopeful that we shall establish this patent and prove it to be of very considerable value.

As I had the pleasure of seeing Major Eaton several times while I was in New York and have had the pleasure of meeting Mr. Lewis several times recently in Paris, they do not need any personal introduction to obtain my good offices. In fact you know that I am always glad to do anything I can to promote your interests in this country.

Trusting that you are well and with best Christmas wishes to Mrs. Edison and yourself,

I remain, Dear Mr. Edison,

Yours very truly,

(Signed) S. FLOOD PAGE.

Jan. 6, 1900.

My Dear Hamilton,-

I am very much obliged for yours of 20th ultimo, enclosing receipt for the "Original Phonograph" from the South Kensington Museum.

Yours very truly,

Mr. H. de C. Hamilton,

c/o Edison's Phonograph Co.,

London, England.

Jan. 6, 1890.

Mr. William E. Hibble,

Myers, Florida.

My Dear Sir:-

The enclosed copies of correspondence addressed to Mr. Edison by R. S. Douglass, of Plymouth, Mass., explain themselves. Can you give us any information in regard to the boundary line dividing the properties of Mr. Edison and Mr. Douglass, at Fort Myers? An early reply will oblige

Yours truly,

Private Secretary.

Copy.

Plymouth, Mass. Dec. 20th, 1889.

Thomas A. Edison, Esq.,

Dear Sir:-

Referring again to the boundary between your land and mine at Fort Myers, I enclose copy of letter from Mr. Langford, who has had charge of my place. This is the only information I have, as I have not been able to get word from Mr. Gonzalez direct. Gonzalez was, I understand, the original owner of the land now belonging to both you and myself. It is an unimportant matter now, but think by some agreement between us to go on record, we might save misunderstanding for our successors. I am willing to do anything that appears fair.

Yours very truly,

(Signed) R. S. Douglass.

C o p y.

December 12, 1934.

Dear Sir:-

I had a talk with Captain Gonzalez in regard to writing and the best information I could get was that you wanted to know something about the boundary line on the East side of your lot. He says he bought a small three-cornered piece of land from the Alton estate, to make a square lot of his, which piece is included in your deed and is now partly in Edison's enclosure. From what he tells me, Mr. Edison has a strip of your land, about 40 feet wide, all the way from Riverside Avenue to the river bank.

Yours truly,

(Signed) N. L. Langford.

Jan. 8, 1890.

R. W. Raymond, Esq., Sec'y.,

American Institute of Mining Engineers,

13 Burling Slip, New York City.

Dear Sir:-

With reference to your letter of 20th ultimo, reply to which has been delayed owing to the absence of Mr. Edison, the latter regrets very much that he cannot arrange for an exhibition of the phonograph at the next meeting of your organization to be held in Washington February next. These exhibitions are, however, all arranged by the North American Phonograph Company, No. 130 Broadway, New York City, whose permission to make the desired exhibit it would be necessary for you to secure, together with the required apparatus. Mr. Edison prefers that all negotiations of this character should be conducted directly with the Company referred to, particularly as they have recently complained about some local exhibitions that were given here in Orange, and he would rather not run the risk of incurring their displeasure.

He is very sorry that he cannot comply with your request.

Yours truly,

Private Secretary.

Jan. 6, 1900.

Mme. Anna Lankow,

211 East 14th Street,

New York.

Dear Madame, -

With reference to your letter of 28th ultimo, I beg to inform you that phonographs in the United States are marketed by the North American Phonograph Co., No. 160 Broadway, New York City. Your [redacted] friend can secure an instrument by applying to this Company.

In regard to your letters to Mr. Hagen, which you claim were never answered, would say that I myself wrote to you, under date November 11th last, in response to a communication addressed by you to Mr. Hagen, explaining why we were unable to avail ourselves of your very kind offer to sing to the phonograph, the reason being that at that time we had made arrangements with various musicians, bands &c., &c. for nearly two months ahead, and if you had visited the Laboratory during that period, the young men in charge of our Musical Department could not have given you the attention which they felt you deserve. Mr. Hagen pleads guilty to ignoring the

Mr. A. L.

-2-

of your letters, which he informs me was mislaid by him, a circumstance which he regrets very much.

I have now much pleasure in informing you that the conditions which prevented him from I addressed to you the letter above referred to, do not exist at the present time - at least to such a great extent - and we shall be very pleased to see you at the Laboratory any day which you may think convenient to come out here, when you will be afforded every facility for testing the phonograph, which by the way Mr. Edison has improved greatly since his return from Europe. It might be well for you to notify us a day or so ahead before coming, so that we may avoid any conflict which might mar the interest of your visit.

Yours very truly,

Private Secretary.

June 6, 1896.

M. d'Apery, Esq.,

13 West 14th Street,

New York City.

Dear Sir:-

In reply to your letter of 30th ultimo, Mrs. Edison has no objection to your writing, for DEMOREST'S MAGAZINE, a description of his residence in Llewellyn Park, and you can come out for that purpose, any time which suits your convenience.

Yours very truly,

Private Secretary.

Jan. 6, 1890

Mr. Thos. C. Hope,

Winston, N. C.

Dear Sir:-

In reply to your letter of 25th ultimo, there is no position in Mr. Edison's business to which you could be appointed.

Yours truly,

Private Secretary.

Mrs. Edison,-

Jan. 6, 1890

Pursuant to the wishes of Mr. Edison, I have given the writer of the attached letter permission to write up a description of your house for DEMORIEST'S MAGAZINE.

A. O. Tate.

M.

Oct. 7, 1889.

W. J. Hammer, Esq.,

23 Rowland St., NEWARK,

N. J.

Dear Sir:-

At the request of Mr. Henry Villard, I have consented to erect in New York the exhibit recently used in Paris, for the benefit of a Benevolent Society in which Mrs. Villard is interested.

Mr. A. H. de Freco, General Commissioner, Edison General Electric Company, has general charge for Mr. Villard of this Exhibition. In arranging for carrying out my promise to the latter, I desire to have you take charge of the electrical exhibit, arrangements in regard to which you will make with Mr. de Freco.

Kindly call on Mr. de Freco to-morrow morning at the office of the Edison Gen'l. Electric Co., No. 44 Wall St., New York, and arrange the details of the matter with him. I enclose herewith a letter of introduction.

Yours truly, Thos A. Edison

After you have seen Mr de Freco come out to me and I will tell you what I want done. T.A.E.

Jan. 6, 1900.

Mr. A. B. de Freese, Gen'l. Commissioner,

Edison General Electric Company,

New York City.

Dear Sir:-

I beg to introduce to you Mr. W. J. Hammer, who has had charge of my electrical exhibit at Paris, and who will perform the same service in connection with the exhibition we are arranging for New York City. I have told Mr. Hammer that he will arrange the details of his engagement with you.

Yours truly,

Thos. A. Edison

1890 ?

Jan. 8, 1890.

Messrs. Drexel, Morgan & Co.,

New York City.

Dear Sirs:-

Will you very kindly furnish me with a statement of my account with you from Nov. 14th, 1889, on which day there was a balance to my credit of $403,440.25. Please have the statement made up to date.

Yours truly,

Thos. A. Edison.

M.

Jan. 5, 1900.

Mrs. A. W. Lewis,

[illegible] Sacramento Street,

Detroit, Michigan.

Dear Madam,-

Mr. Edison has received your letter of the 2nd inst., together with a previous communication, copies to which was delivered only to his own and Mr. Edison's interests. Mr. Edison regrets that he cannot comply with the request which you have made, nor is he able to take advantage of your offer in regard to foreign travel, for the reason that his daughter, who has been in Europe for more than a year past, and completed her foreign tour, and is about returning to America.

With kind regards

I am, yours very truly,

Private Secretary.

Jan. 3, 1890.

Samuel Dupuy, Esq.,

Wall St., New York.

Dear Sir:-

I have your letter of 2nd instant informing me that you have received from the Edison General Electric Company a check to my order for $22,100, covering quarterly dividend of 2% on the stock of the General Company held by me, and that you have credited the same at Drexel, Morgan & Co's to my credit.

Yours very truly,

Thomas A. Edison

Jan. 7, 1890.

Germania Bank,

[illegible]

New York City.

Dear Sirs:-

I enclose herewith a certified extract from minutes of meeting of Board of Directors of the [illegible] Co. of Orange, N.J., [illegible] the Treasurer of Florence K. Nelson, Orange, New Jersey, [illegible] New York City.

Yours truly,

Secy. & Treasurer.

Extract from minutes of meeting of the Board of Directors of The Edison Electric Light Company of Europe, Limited, held at the Laboratory of Thomas A. Edison, Orange, New Jersey, Monday, November 4th, 1889.

"Mr. Insull presented his resignation as Secretary and Treasurer, which was accepted. This motion having been seconded and carried, Mr. Insull nominated Mr. Alfred O. Tate as Secretary and Treasurer of the Company to serve for the unexpired term of the Company. Mr. Perry seconded this nomination, and a ballot having been taken, it was found that Mr. Tate had been unanimously elected to the position of Secretary and Treasurer."

[illegible]

President.

Extract from Lalande agreement.

The party of the second part further agrees [illegible] consecutively with indelible characters the galvanic batteries manufactured and sold by him under this license and agrees to furnish the parties of the first part free of charge four samples of each of the sizes of galvanic batteries [illegible] by him under this license.

Feb. 4, 1900.

Mr. Philip S. Dyer,

Antwerp, Belgium.

Dear Sir:-

In regard to condition which owing to Mr. Felix de Lehmann's arrival for in his agreement with Mr. Edison, I beg to inform you that the various trades are just being arranged and that within the course of a week or two we will be able to send Mr. de Lehmann specimens of some of the collotypes we intend to place now upon the market. We shall you could kindly communicate with him by forwarding a copy of this letter, so that he may understand the reason for the delay in supplying these samples.

Yours truly,

Jan. 8, 1880.

[illegible]

[illegible]

Dear Sir:

I [illegible] copy of a letter under date [illegible] December, 1879, [illegible] M. Elder [illegible] in the Chicago Inter-Ocean Building. I will [illegible] the Designing Considerations committee [illegible]. I hope [illegible]

Yours [illegible]

CIE. CONTINENTALE EDISON

Paris 10th December, 1920.

T. A. Edison, Esq.,

Orange, U. S.

Dear Sir:-

We beg to inform you that we have decided to drop the following patents:

Belgium, Set 7 - Dynamos

" " 18 - Motors

" " 22 - Dynamos

" " 23 - Motors

Spain " 10 - Distribution

And Set 11 - Dynamos, in France, Austria, Belgium Spain, which please take note

Yours very truly,

COMPAGNIE CONTINENTALE EDISON

(Signed) Louis Ram.

Jany 7th. 1890

W. J. Logue Esq
No American Teleg Coy
Chicago Ill.

Dear Sir.

I have your letter of the 11th inst in regard to the Philadelphia Battery and enclosing a communication from Mr J. W. Gladstone.

I have written Mr Gladstone in regard to the Rubber Leg suggesting that the same be lengthened in order to prevent in the future any short circuit between the Juice and the Copper Oxide Plates.

There is one point in regard to this Battery about which I want you to be particularly careful, that is in speaking of the parts, I want you always to refer to Caustic Potash; never mention Caustic Soda. It is very important that you accustom yourself to the habit of referring to Caustic Potash; it will save us a great deal of trouble in the future

Yours very truly

Logue

Jan. 9, 1890.

Mr. W. M. Burrows,

18 Broadway, New York.

Dear Sir:-

I enclose herewith documents received this morning from E. Grosos, Havre, which appear to cover the engine and condenser shipped to Mr. Edison by Messrs. Weyher & Richemond, Pantin. Mr. Liver has handed me your letter to him under date 8th instant, referring to a shipment of 4 casks of cylinders, via "LA GASCOGNE," on which there is due an item of $12.48 freight. This matter is in the hands of Messrs. Baldwin Brothers & Co., who are having considerable difficulty in passing these cylinders through the Customs. If you have any trouble in obtaining the engine &c on account of this freight bill, the best way to do would be to request Messrs. Baldwin Bros. & Co. to pay it, on Mr. Edison's a/c; or if they prefer we will pay it from here. In fact, we would do this now, but I do not wish to interfere with anything Messrs. Baldwin may be doing.

Yours truly,

Jan 9th/90

Thomas Newlin Esq
44 Wall St
New York

Dear Sir:

I enclose herewith five notes of the Edison Phonograph Works, each four (4) months, for Five Thousand Dollars ($5000) are being countersigned and endorsed by Mr Edison, each without date and without the signature of the Treasurer.

Yours truly

Jan. 9, 1890.

My dear Barker,-

An answer to your letter of 31st ultimo has been delayed owing to my absence. It is not possible for me to take the Dickson matter up seriously, as I have not the time to do so; but if Dickson thinks he could get a better price from the party with whom he is about to negotiate by using my name as a prospective purchaser, I have no objection to his doing so.

Yours very truly,

Thos. Dickson

Prof. George F. Barker,
3903 Locust Street,
Milwaukee, Pa.

Jan. 9, 1890.

My Dear Kreusi,-

I got your letter of January 7th, also blue print of multipolar machine. I do not know why Mr. Weiner has designed the armature as shown in the drawing. I do not think that you want anything but a wooden hub built up in pieces of kiln treated ash or oak. The armature that I made here, and which stood so much heat, is here now and shows no signs of any shrinkage or coming loose whatever, notwithstanding the fact that it was very excessively heated, owing to the iron being in sheets instead of in wire. If you like I will send this armature to you so that you can judge for yourself. I presume the armature shown on the blue print has only one layer of wire on it, just the same as the one in the model furnished. In that case, I am quite sure that you cannot do better than build up the armature of steel in the same manner that the model is built up. Of course the rim is kept in place by flanges of fibre screwed on to the face of the wood and holding tight on the edges of the wires, the fibre placed being driven in between each coil. If you have any data in regard to this new machine as to their dimensions, number of turns, cubic centimetres etc., send similar to what you have got for the

J. L. [illegible]

other styles of machine, I should be glad if you would send it to me as soon as possible.

Yours very truly,

[illegible]

John Krumi, Esq.,
Wilson Machine Works
[illegible] N. Y.

Dec. 9, 1890.

H. S. Olcott, Esq.,

17 Lansdowne Road, Holland Park,

LONDON, W., England.

Dear Sir:-

In reference to your letter under date 20th ultimo to Mr. Edison, I beg to inform you that I was not aware until the receipt of your communication of his being a member of the Theosophical Society.

Yours truly,

Private Secretary.

Jan. 8, 1900.

My dear Sir John,-

I am very much obliged for your letter of 24th ultimo, enclosing prospectus of the New Zealand Petroleum and Iron Syndicate. The titaniferous sand which you have ordered forwarded to me from New Zealand, has not yet arrived. I will advise you as soon as it comes.

Wishing you all the compliments of the season

I am yours very truly,

Sir John Wimble,
Woodcroft House, 38 Park Hill,
Croydon, England.

Jan. 9, 1880.

Compagnie Continentale Edison,

P a r i s , France.

Dear Sirs:-

We beg to advise you that we desire to continue one of the Italian Patents referred to in your communication under date 20th November, 1880, namely, Set 11, Dynamos. Will you kindly see that whatever fees may become due upon this patent in Italy, are paid, and we will reimburse you what ever sums may be expended for this purpose.

Yours very truly,

THE EDISON ELECTRIC LIGHT CO. OF EUROPE L'td.

By

Secretary.

Jan. 9, 1890.

Major S. B. Eaton,
120 Broadway, New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 7th instant, advising me that, on behalf of the Edison Electric Light Company you considered it desirable to continue Italian patent Set 11, Dynamos. I have communicated your wishes to the Cie. Continentale Edison.

Yours truly,
THE EDISON ELECTRIC LIGHT CO. OF EUROPE, L'td.
by

Secretary.

Jan 9/90

A. B. Dick Esq
32 Liberty St
New York

My Dear Sir:

I enclose herewith Mr Edison's check, endorsed to me, on Drexel Morgan & Co for Forty One Hundred Dollars ($4100.), which together with amounts already paid you covers your expenses abroad, as submitted in your letter to me under date October 21st 1889.

There are still coming to you Two Hundred Shares of Stock of the Edison

#2
a.d.d.

Phonograph Toy Manufg. Co.
I am delaying this as I have two or three other transfers to make of the same stock all of which I desire to effect at the same time; these latter are not quite ready, but will be in the course of ten days when I will forward your certificate. Kindly acknowledge receipt of the enclosed, and believe me

Sincerely yours
[illegible]

Private Secy.

Jan. 10, 1890.

Mr. E. M. Burrows,

c/o Mr. Frank Wight,

17 William St., New York.

Dear Sir:-

I enclose herewith a complete set of the correspondence relating to my purchase of a Triple Expansion Engine and Condenser from Messrs. Weyher & Richemond, of Paris.

(1) On the 10th of October last I cabled Messrs. W. & R., asking how soon they could deliver a 300 h. p. triple expansion engine at Havre for shipment to America. (2) On the same day they replied (original copy of their cablegram enclosed herewith) stating that they could make delivery by end of November at Havre, and that the cost of the engine would be forty-five thousand francs and condenser eight thousand francs. (3), on the 4th November I cabled these gentlemen accepting their proposition and requesting them to send formal order by mail. (4), On the 8th November they addressed a letter to me acknowledging receipt of this last cablegram of mine, original of which I enclose, together with a translation of the same. (5), On November 21st, I addressed a letter to Messrs. Weyher & Richemond (copy enclosed herewith),

giving them a formal order for the engine and condenser, and instructions regarding their shipment.

This explains the whole transaction between myself and Messrs. Weymer & Richemond, and I trust will be sufficient for your purpose.

Yours very truly,

Thos A Edison

Jan. 10, 1890

Mr. W. M. Burrows,

c/o Mr. Frank Wight,

17 William St., New York.

Dear Sir:-

I enclose herewith my check No. 2829, to-day's date, to the order of A. Forget, Agent, for $690.52, to cover the amount of freight due the Compagnie Generale Transatlantique for transportation from Havre of a triple expansion engine and condenser, in accordance with the bills of the Cie. Generale Transatlantique.

Yours very truly,

Thos. A. Edison

Jan. 10, 1890.

George F. Kunz, Esq.,

402 Garden Street,

Hoboken, N. J.

Dear Sir:-

Mr. Edison asks me to say in reply to your letter received this morning that he will be glad to see you at the Laboratory Sunday after next, 19th instant.

Yours very truly,

Private Secretary.

Jan. 10, 1890.

My dear Mr. Dyer,-

I have just received your letter of 8th inst., in regard to Mr. Brevoort's visit to the Laboratory, and I will advise Mr. Edison as you request.

Yours very truly,

Private Secretary.

E. L. Dyer, Esq.,
44 Wall St., New York.

Jan 10th 1890

Elizabeth D. Earl
9 Montague Terrace
Brooklyn N.Y.

Madam.

Referring to your letter of the 9th inst. I beg to enclose you herewith my check #5 on Messrs Drexel Morgan and Co. for $1000.00/100.

You can draw such amount as you desire in cash and you can get a letter of credit from Messrs Drexel Morgan and Co 23 Wall street New York for the balance.

Kindly acknowledge receipt and oblige

Very truly
Thomas A. Edison
A.

Jan 10th 1890

W. E. Gilmore Esq Secy.
Schenectady. N.Y.

Dear Sir

Referring to your letter of the 8th inst addressed to the Laboratory and returning bill for 25.00 being cash advanced to Mr G. J. De Lamma.

The reason I sent this bill is that when these men first came here I asked Mr Batchelor if I was to pay them and he told me they would be paid from Schenectady and billed against us.

Since receiving your letter I spoke to him again and he told me to pay them, We have two of your men here Mr G. J. De Lamona and Mr F. D. Rees and if you will please let me know what was the last day you paid them for, and how much do you pay them per week or per hour and as soon as I receive this information I will fix them up.

Thanking you in advance for your kindness and hoping to receive it as soon as possible I remain

Very truly
John F. Randolph

Regards to Ewart

Edison Phonograph Works
Orange N. J.

Jan 11th 1890

Dear Sir;

I beg to enclose you herewith the following Certificates of Stock in the Edison Phonograph Works.

No. 9 -	214.595	Shares
" 10 -	129.675	"
" 15 -	67.167	"
" 16 -	41.166	"
" 20 -	67.167	"
" 21 -	41.166	"
" 24 -	80.600	"
" 25 -	49.400	"
" 28 -	33.584	"
" 29 -	20.583	"
" 32 -	20.150	"
" 33 -	12.350	"
" 36 -	6.717	"
" 37 -	4.116	"
" 40 -	6.717	"
" 41 -	4.116	"
" 45 -	184.709	"
" 46 -	113.208	"
" 49 -	20.121	"
" 50 -	12.342	"
" 53 -	51.383	"
" 54 -	31.492	"
" 57 -	89.834	"
" 58 -	55.060	"
" 61 -	16.792	"
" 62 -	10.290	"
" 65 -	47.017	"
" 66 -	28.816	"
" 70 -	62.972	"
" 71 -	38.595	"
Total	1560	Shares

Please cancel the above certificates and draw one to my order for 1560 shares and oblige

Yours truly
Thomas A. Edison
By

Letterbook, LB-036

This letterbook covers the period January 1890. Most of the correspondence is by Edison and Alfred O. Tate. Included are letters relating to the manufacture of the phonograph and talking doll and the marketing of phonographs in Japan and China. There is also correspondence regarding electric lighting, ore milling, and the purchase of mining properties. Other letters pertain to Edison's receipt of the Volta Medal and to the fire that destroyed the first Pearl Street central station. A list of stockholders of the Edison Phonograph Works appears on page 47. The front cover is labeled "General Letter Book T. A. Edison Indexed." The book contains 501 numbered pages and an index. Approximately 50 percent of the book has been filmed.

Jan. 11, 1890.

George F. Kunz, Esq.,

402 Garden Street,

Hoboken, N. J.

Dear Sir:-

With reference to the enclosed letter, Mr. Edison is not interested in the pavement mentioned by Mr. Habershaw. All of the Edison wires are laid in iron pipes.

Yours truly,

Private Secretary.

Jan 13th 1890

Thos. Butler Esq
44 Wall Street
New York

Dear Sir;

I beg to enclose you herewith two leases which Mr Edison must swear to before a Commissioner of Deeds but before doing so please have the seal of the N J and Penna Concentrating Works affixed to each as the Commissioner would object to signing the forms without the Company's seal.

Please return same by bearer and oblige.

Very truly

Jan. 13, 1890.

Messrs. Sonnenberg & Co.,

12 White St., New York City.

Dear Sirs:-

I send you by bearer one mondrel, the diameter of which I want some rubber tubing that shall have been left to cool on this, so that the inside diameter is exact. I also send you a sample ring, the outside diameter of which is the exact size I want, so your tubing must be 1/32 larger, so that I can take one cut off. Please make me up about 50 tubes of rubber for this of your regular 55 cent quality, so that I can commence to turn these rings out immediately myself. In a day or two I will furnish you with 3 or 4 more mandrels, and then I should like you to give me samples of tubing of a much cheaper quality, such as I talked about with your Manager on Saturday morning last. I should also like from you an estimate for these rings made by the same process that you generally manufacture your goods, in lots of 5 or 10,000. In this case I should like them to come out of the mould entirely finished, so that I will have nothing at all to do with them. The fact that they will be hollow will not hurt them, but I should like

the estimate for both solid and hollow.

I also send you samples of 8 1/2 thousandths sheet rubber; both of them are of the same thickness, but the smaller one is much the more flexible of the two. Can you give me a price on this in considerable quantities, say in lots of 4 or 5,000 square feet at a time?

Please let me know by bearer how soon you can furnish us with a few of the first tubes mentioned in this letter.

Yours very truly,

A. A. Adams
per Chas. Satchell

Jan. 13, 1890

Samuel Insull, Esq.,

44 Wall St., New York City.

Dear Sir:-

At Mr. Edison's request I send you herewith a new sample socket, which is much simpler and smaller than the model furnished by yourself. Mr. Edison thinks that the insulation between the screw and the shell might be made a little thicker, so as to render it safer against ground connections.

I also send you a sketch showing various designs of shells which might be used for different styles of chandeliers. Your French designer, however, may be able to improve upon this.

Yours truly,

Edison Lamp Co.

By [illegible]

Jan. 13, 1890.

Messrs. Patrick & Carter,

114 South 2nd Street,

Philadelphia, Pa.

Dear Sirs:-

If my memory serves me correctly, you manufactured for me in June 1878, a number of telephones. I would like to obtain from you, if you still possess it, the old model from which these were constructed, together with any data that you can give me relating to the time of the reception of my order and the delivery of the instruments to myself. I will be indebted for an early reply.

Yours truly,

Thos. A. Edison

Jan. 13, 1890.

Mr. Samuel Insull,

44 Wall Street,

New York City.

Dear Sir:-

I enclose herewith certificate No. 73 of the Edison Phonograph Works, for 1560 shares of stock of that Company, in the name of Thomas A. Edison. This represents the aggregate of stock issued at various times to Mr. Edison under his agreement with the Phonograph Works, and ~~represents~~ the total number of shares to which he is entitled under said agreement. Of this number, 88% is to be transferred to the Mercantile Trust Company. When I receive this certificate back from you I will have it cancelled, and two new certificates, one to Mr. Edison and one to Mercantile Trust Co., issued in its place. I make the transfer in this way so that the matter can be easily traced in our Certificate Book, and in our Ledger.

Yours very truly,

Jehne

Jan. 13, 1890.

A. B. Dick Co.,
152 - 154 Lake Street,
Chicago, Ills.

Dear Sirs:-

I enclose herewith license agreement, in duplicate, under date 31st day of December, 1889, between Thomas A. Edison and the A. B. Dick Company, authorizing the latter to manufacture and to license others to manufacture within the United States for export, use and consumption in foreign countries, apparatus for preparing autographic stencils for printing &c., covered by Letters Patent No. 224,063, for and during the term of the said Letters Patent. These agreements have been executed by Mr. Edison, and when they have been executed by yourselves, kindly return us one copy for our files.

Yours truly,

Secretary

Jan. 13, 1890.

Major S. B. Eaton,

120 Broadway, New York.

Dear Sir:-

Referring to the attached letter from Mr. Lippincott, when I telegraphed you to extend Mr. Lippincott's note until April 1st, I meant to include the stock option as well. Kindly make this extension, and oblige

Yours truly,

Thos. A. Edison

Jan. 13, 1890.

Jesse I. Lippincott, Esq.,
160 Broadway, New York.

Dear Sir:-

Mr. Edison has received your letter of 11th inst., and I enclose herewith letter to Major Eaton, instructing him to extend everything to April 1st, which will cover the stock option to which you refer.

In regard to Clover Club dinner, Mr. Edison has forwarded a letter of regret as suggested.

Yours very truly,

Private Secretary.

Jan. 14, 1890.

Mr. W. S. Mallory,

7 West Randolph Street,

Chicago, Ills.

Dear Sir:-

In reply to your letter of 8th instant, I send you herewith check to your order for $465.25, covering assessment on M. I. C. C. stock. Kindly acknowledge receipt, and oblige

Yours truly,

Chas. Edwards

Jan. 14, 1890.

Samuel Insull, Esq.,

44 Wall St., New York City.

Dear Sir:-

I have a bill for expenses and services of Mr. C. J. Field in connection with the Niagara Falls matter, amounting to $141.70, which is chargeable, I presume, against the Syndicate, but which Mr. Edison suggested I should bill on the Edison Gen'l. Electric Co., and have them collect from the Syndicate. As I do not know the relations between this Syndicate and the Edison Gen'l. Electric Company, I wish you would advise me if such action would be correct.

Yours truly,

Private Secretary.

Jan. 14, 1890.

Friend Pit.-

Mr. Edison received your letter of 8th instant, and has asked me to write and inform you that Miss Marion has almost recovered from her illness. A cablegram which we rec'd. this morning, states that she will be able to be moved within three weeks.

With kindest regards to yourself and Mrs. Edison.

I am, yours very truly,

Private Secretary.

Mr. W. P. Edison,
Norwalk, Ohio.

Jan. 14, 1890.

Samuel Insull, Esq.,

44 Wall Street,

New York City.

Dear Sir:-

I beg to advise you that I sent the Edison Gen'l. Co. proxy, which was duly signed by Mr. Edison, to Mr. Villard, in accordance with your request.

Yours truly,

Private Secretary.

Jan. 14, 1890

Messrs. Drexel, Morgan & Co.,

New York City.

Dear Sirs:-

Will you kindly instruct your correspondents in Berlin by letter to pay Messrs. Siemens & Halske, the sum of 4,500 Marks, amount advanced by these gentlemen to my agent, Mr. A. Theo. E. Wahlgemann, and charge the same to my account.

Yours very truly,

Thomas A. Edison

Jan. 14, 1890.

Messrs. Siemens & Halske,

B e r l i n, Germany.

Dear Sirs:-

I beg to acknowledge receipt of your letter, advising me that you have made the following payments to my agent, Mr. A. Theo. E. Wangemann:

October 18, 1889, 2,000 Marks

December 19, 1889, 2,500 Marks.

I have requested Messrs. Drexel, Morgan & Co. to refund these amounts to you through their agents in Berlin. Thanking you for your kindness

I am, yours very truly,

Thos A Edison

Jan. 14,1890.

Lloyd Bryce, Esq., Editor,

"The North American Review,

New York City.

Dear Sir:-

I have read the enclosed copy of "Regulations for the protection of the public safety and of electric lines and works of the Postmaster General, and of other electric lines and works, prescribed by the Board of Trade under the provisions of the Electric Lighting Act, 1888," and find that they would be entirely inapplicable to electric lighting lighting in America, for the reason generally that they have been formulated in a country which is far behind us in the practical development of the art; amidst surroundings which failed to furnish the authors with an opportunity to become familiar with the results of practice; in consequence of which the production bristles with errors that the authorities whose duty it is to enforce these rules will find it not only desirable but necessary to correct as time and experience disclose them.

I have not sufficient leisure to discuss the matter in detail

as you have requested, nor do I think that such a discussion would be of interest to readers familiar with the business of electric lighting in this country, any one of whom will at a glance detect the weaknesses in the Regulations of the English Board.

A set of rules formulated in the United States, and based upon an experience which embraces the very highest development of the art would be applicable to electric lighting in England or any other country of the world, but we have advanced so far ahead of our friends across the water that any effort of theirs to furnish rules for us to follow is like an attempt of the rear guard of an army to direct the movement of its scouts.

Yours very truly,

Thos A Edison

List of Stockholders of the Edison Phonograph Works.

Chas. Batchelor, Edison Laboratory, Orange, N. J.	55	Shares.
A. O. Tate, Edison Laboratory, Orange, N. J.	5	"
Samuel Insull, #44 Wall St., New York City.	5	"
R. L. Cutting, Jr., #19 William St., New York City	$553\frac{750}{1000}$	"
R. L. Cutting, Jr., Trustee, #19 William St., New York.	100	"
Thomas A. Edison, Orange, New Jersey.	$1,901\frac{250}{1000}$	"
Mrs. Thomas A. Edison, Orange, New Jersey	30	"
H. B. Auchincloss, Esq., Llewellyn Park, N. J.	250	"
	3,000	Shares.

Jan. 14, 1890.

S. J. Ritchie, Esq.,

Akron, Ohio.

Dear Sir:-

Mr. Edison asks me to advise you that he has a draft of the proposed understanding ready, and he thinks that you had better have Mr. Allien come on to the Laboratory and work the matter up, so as to get the contract in shape.

Yours truly,

Private Secretary.

Jan. 14, 1900.

Mr. A. Theo. E. Wangemann,

c/o Messrs. Siemens & Halske,

Berlin, Germany.

Dear Sir:-

Mr. Edison desires you to return to the Laboratory immediately.

Yours truly,

Private Secretary.

Jan. 14, 1890.

Messrs. Bell & Wigger,
Barristers &c.,
Belleville, Ontario, Canada.

Dear Sirs:-

I have received your letter of 10th instant in regard to the property at Mamora known as the Consolidated Gold Mines, and with respect to which Mr. Edison had a conversation with your Mr. Bell in Toronto. The former desires me to say that he would like to be advised when an opportunity is presented to bid in the bonds. The property owned by the Consolidated people is not large enough to make it worth Mr. Edison's while to purchase, unless he can also obtain all the other properties, with the names of which Mr. Bell is familiar. When we left Toronto, I believe it was understood that Mr. Bell would enter into negotiations with Mr. Cooke. Mr. Edison's idea is to have all these matters carried along together, so that he may acquire all the properties, under which conditions only could he afford to open the veins.

Yours very truly,

Private Secretary.

Jan. 14, 1890.

National Iron Works,

18 Cortlandt St., New York City.

Dear Sirs:-

Replying to your letter of 13th instant to Mr. Batchelor, please ship the mill by Pennsylvania R. R., to Newark, and our wagon will get it at the Market St. Station, and bring it to Orange.

Yours truly,

Thomas Edison

Jan. 14, 1890.

Canadian Copper Co.,

Cleveland, Ohio.

Dear Sirs:-

I have to-day received the following telegram from Sudbury, Ontario:- "Car matte shipped, bill of lading sent from Cleveland; have asked them wire you explanation." It is not necessary for you to forward any explanation, as I already understand the matter.

Yours truly,

Robert Pim

Jan 11th 1890

German National Bank
Newark N. J.

Dear Sir

I beg to enclose you herewith check for $ 99 36. 66/100

Please place same to my credit and oblige

Yours truly
Thomas A. Edison
R.

Jan. 14, 1890.

Mr. MacGruthar,-

Dear Sir:-

It seems that there has been sent up to Spencer Trask, at Saratoga, a phonograph, which one of his Managers has frequently told me, has never been put in order from the beginning. I have just received from Mr. Skehan the enclosed letter, which is a copy of one from Bishop Doane to Mr. Peabody, a friend of Trask. I wish when you are next in New York you would call Mr. Lippincott's attention to this, so that these people could be put in communication with some one who would show them how to work the instrument properly. I have to return the copy of letter sent herewith, and after you have seen Mr. Lippincott, kindly send it back to me.

Yours truly,

Thos Bordeb

Jan. 15, 1890.

My Dear Insull,-

I do not know that I have a thorough understanding of the Mexican business, as I only see one end of it - that is, the Ceballos-Cornery end. Therefore, if my impressions are erroneous, I give you an opportunity to correct them by enclosing (1) letter from J. M. Ceballos & Co. to Mr. Edison, under date 13th instant, to which is attached copy of a communication from T. B. Cornery to Col. Gourand; (2) letter from Mr. Edison to J. M. Ceballos & Co.; (3) letter from Mr. Edison to Col. Gourand.

If Nos. 2 & 3 do not express the views which Mr. Edison should hold, you can suppress them. If they are all right, kindly have them mailed. Stamped-addressed envelopes are enclosed.

Yours very truly,

Private Secretary.

I'd have had Mr. E. sign these. Personally I'd be in favor of

Samuel Insull, Esq.,
44 Wall St., New York.

Jan. 15, 1890.

Messrs. J. M. Ceballos & Co.,

#80 Wall Street, New York City.

Dear Sirs:-

I beg to acknowledge receipt of your letter of 13th instant, enclosing copy of a communication addressed to Col. Geo. E. Gourraud by Mr. Thomas H. Connery, and stating that there are certain features of the Mexican business on which you desire to have my personal opinion.

In order to explain the reason why I have not hastened an interview between your Mr. Ceballos, Mr. Connery and myself, I desire to say that I placed the active control of my Foreign business in the hands of Col. Gourraud, as my agent, and as he came to America shortly before you made your first request for an interview, I considered it desirable that matters of business detail should be discussed with him, in pursuance of which he was duly advised of your wishes from time to time, to which I believed he was giving attention. There is no lack of desire upon my part to assist you in every possible way, but it is desirable in doing this that I should move in concert with Col. Gourraud; that he should be aware of all points under discussion and be given an opportunity

to express his opinion upon any matters that require adjustment under the provisions of your contract. I have written Col. Gourand with respect to these matters, and will communicate with you further when I hear from him.

Yours very truly,

Jno. R. Brown

Jan. 15, 1890.

Col. Geo. E. Gouraud,

74 Madison Ave., New York City.

Dear Sir:-

Mr. Caballero has forwarded me a copy of Mr. Connery's letter addressed to yourself, under date 11th instant, in which the latter complains of your lack of interest in the Mexican Phonograph business. I am as much at a loss as Mr. Connery to comprehend your statement to the effect that you do not know at present how the "matter stands." You have had ample facilities to familiarize yourself with the details of this business, and as it is of great importance, not only to Mr. Caballero and his friends, but to you and myself, in carrying out in good faith agreements into which we have entered, that this matter should receive immediate attention, I must ask you to take steps at once to post yourself in a way that will enable you to deal with these gentlemen as they are entitled to be dealt with. I do not have to be forced into the position of being a party to the neglect, of which Mr. Caballero and Mr. Connery so justly complain.

Yours truly,

June 15, 1890

Col. George E. Gouraud,

74 Madison Ave., New York City.

My Dear Sir:-

In the month of March 1878 [illegible] Adams, took over to you a number of carbon telephones. You will doubtless remember these old instruments, which had two ear pieces, one on each side, something similar to the speaking tube which we now use in connection with the phonograph. Could you put me in the way of getting, or obtain for me yourself, one of these old instruments. Kindly let me hear from you as early as possible, and oblige

Yours truly,

Jan 1 1890

A. Frazer Esq
Central Ont. Ry
Trenton Ont

My dear Sir: Mr Edison would like you to send him all available data in regard to the water power in Trenton about which he had some conversation with you - such as location, extent of power, Engineers Reports, shipping facilities, &c with maps and plans - in fact everything that you think would interest him, stating at the same

time the different arrangements which could be made to acquire control; either on purchase outright or on a basis of rental.

Mr. Edison will be glad to receive this information at your earliest convenience, and joins me in kind regards to yourself.

Sincerely yours

Secretary

Jan. 15, 1890

Messrs. Patrick & Carter,

114 So. 2nd Street,

Philadelphia, Pa.

Dear Sirs:-

I am very much obliged for your letter of 14th inst. What I desire to know particularly, is when you made me the first shipment of telephones, which was doubtless done prior to July 19, 1878. I find from my records that on the 10th of June, I telegraphed you to the effect that telephone models were ready, asking you to come over and get them. Will you kindly advise me, as you probably can, by referring to your work book, when any portion of this order for 25 telephones was finished, together with the date of first shipment, as requested above.

Yours truly,

Thos. A. Edison

June 16/90

Edison Phonograph Works
Orange

Dear Sir:

I enclose herewith certificate No: 13 of the Edison Phonograph Co for 1360 Shares in the name of Thomas A Edison, and endorsed by him.

Please cancel this certificate and issue against it the following

Thomas A Edison — 967 3/10 Shares
The Mercantile Trust Co 397 5/10 "

Kindly have this sent to me
Please so I can obtain the signatures
signature thereto

Yours
Thomas A Edison

Jan. 16, 1890.

Messrs. Mason & Lowe,

120 Broadway, New York City.

Dear Sirs:-

Referring to the enclosed Certificate of payment of the Stock of the Edison Phonograph Works, will you kindly advise me if it is necessary to take the acknowledgement of a majority of the Trustees. We have been unable to get Mr. Edison, Mr. Franklin and Mr. Batchelor together, but if a majority is required, my name can be inserted, and I will have the second page re-written and executed. I will hold the other copy of the certificate until I hear from you.

Yours truly,

Jan. 16, 1888.

Mr. Thomas Butler,

24 Wall Street, New York.

Dear Sir:-

Referring to your letter of 13th instant in regard to Ogden contracts which were forwarded to you to have the seal of the N. J. & Pa. Concentrating Works attached, it will, of course, be necessary for you to appear as the attesting witness, as no one else is eligible. This, however, can be done after Mr. Edison's acknowledgement is taken before a Commissioner. He could not take his acknowledgement without first attaching the seal of the Company. You can make the attestation at any convenient time afterwards.

Yours truly,

Jan. 16, 1890.

Messrs. Dyer & Seely,

40 Wall Street, New York City.

Dear Sirs:-

I believe that Mr. Edison has made application for a patent on the design of the Lalande battery. Will you kindly give me the date of this application. I presume it will be proper for us to stamp the date of Lalande's patent and the date of Mr. Edison's application on these cells? Is there any reason why we should not also stamp upon them the names of both Edison and Lalande?

Yours truly,

Private Secretary.

[illegible]

Jan. 10, 1899.

Prof. Ayrton,

c/o The Secretary, the Institute of Electrical Engineers,

4 The Sanctuary, Westminster, London, England.

My Dear Sir:-

Will you very kindly send me all literature and price lists available in regard to Telpherages, together with the address of the parties who make, sell and erect them, and greatly oblige

Yours very truly,

Jan. 10, 1899

Jan. 16, 1890

National Iron Works,

New Brunswick, N. J.

Dear Sirs:-

I beg to confirm the following telegram sent you today:-

"Where is our machine? We want it badly.

EDISON."

Yours truly,

Jan. 16, 1890.

Mrs. W. S. Mallory,
7 West Randolph St.,
Chicago, Ills.

Dear Sir:-

Referring to your letter under date November 20th last, in which you state that you forwarded to Mr. Ira Miller stock certificates for four shares, covering Mr. Edison's remittances made in June and November, I beg to inform you that these certificates have not been received in this office, and that I have today written Mr. Miller, asking him if they are still in his hands.

Jan. 16, 90.

Yours truly,

Private Secretary.

Jan. 19, 1900.

Ezra Miller, Esq.,

Akron, Ohio.

Dear Sir:-

On the 20th November last Mr. W. S. Mallory addressed a letter to Mr. Edison, stating that he sent you stock certificates for four shares of stock of the Edison Iron Concentrating Company, which you were to sign and forward to Mr. Edison. We have not received these certificates in this office, and wish you would kindly advise us if they are still in your hands.

Yours truly,

Private Secretary.

Jan. 16, 1890.

Major S. B. Eaton,

190 Broadway,

New York.

Dear Sir:-

I return herewith report of Mr. Jenks to yourself on patents selected to bring suits on, referred to in your memo to me of 15th instant. Mr. Edison asks me to inform you that he would dislike commencing suit on all these patents.

Yours truly,

Private. South Orange

Jan. 16, 1890.

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

Under Mr. Edison's agreement relating to the Lalande cell, it is necessary that these cells should be numbered consecutively. We would, therefore, like to know how many you disposed of up to the time the business was turned over to the Edison M'f'g. Company, so that we can start in with the right number.

Yours truly,

Jan. 16, 1890.

Mr. S. S. McClure,

Tribune Building,

New York City.

Dear Sir:-

With reference to your letter of 14th instant addressed to Mr. Edison, asking him to let you have one or two photographs of the interior of the Laboratory for the purpose of illustrating an article written by George Parsons Lathrop and Horace Townsend, which you are about to publish, I beg to advise you that some time ago, Mr. Edison loaned to Mr. Townsend a complete set of Laboratory pictures, which he used in connection with an article of his that appeared in the "Cosmopolitan Magazine." I have written Mr. Townsend repeatedly for the return of these photographs, but he has ignored all my letters on the subject. Perhaps you could induce him to loan you the pictures in question. We have not another set available or we would gladly lend them to you.

Yours truly

Private Secretary.

Jan. 16, 1900.

Mr. A. MacGruther,
Edison Phonograph Works,
Orange, N. J.

Dear Sir:-

In compliance with your telephone request of to-day, I give you below a list of the persons to whom Mr. Edison desires you to send Water Motor Phonographs. For the inscriptions on each of those machines, and the supplies which are to accompany them, I beg to refer you to Mr. Edison's letter of November 7th last addressed to Mr. English, with respect to the Krupp machine, and to Mr. Tate's letter of 21st December last addressed to the Edison Phonograph Works, in regard to the others. We are particularly anxious that the two machines for the German Postal Administration be expedited as much as possible:

One (1) phonograph for Josef Hofmann.
One (1) phonograph for the Czar of Russia.
Two (2) phonographs for the German Postal Administration.
One (1) phonograph for F. A. Krupp.

Yours truly,

Jan. 17, 1890.

My Dear Mr. Copello,-

I have received your letter of 28th ultimo, enclosing a communication to Mr. Edison, which he has read, and he has asked me to write and explain to you the condition of affairs in respect to the phonograph. Col. Gouraud is at the present time in America, where a large Company has been formed to handle all the foreign business, and in view of this arrangement, negotiations in connection with which were started several months ago in London, Colonel Gouraud has been actually unable to make any definite arrangement as to the disposition of territory in Europe, which I presume is what you refer to in your letter. When this Company is ready for active business, Col. Gouraud will be in a position to act more definitely than he has yet been able to do; and although it is unnecessary to remind him of the interest which you take in the business, and your desire for a closer connection therewith, as he has a full appreciation of it now, we still will communicate with him, and do all that we can to assist you.

Wishing you the Compliments of the Season

I am, yours very truly,

Mr. Copello, Esq.

Jan. 17, 1890.

Mr. Thomas Butler, Secretary,
New Jersey & Penn. Concentrating Works,
44 Wall St., New York City.

Dear Sir:-

I enclose herewith Mr. Edison's check No. 9, on Drexel, Morgan & Co., for thirty-three hundred dollars ($3,300), covering amount due by him on his holding of stock in the New Jersey and Pennsylvania Concentrating Works. Kindly acknowledge receipt, and oblige

Yours truly,

Private Secretary.

Jan. 17, 1890

Samuel Insull, Esq.,

40 Wall Street, New York City.

Dear Sir:-

Referring to the enclosed letter from Mrs. Geo. W. Sawyer, asking for pecuniary assistance, Mr. Edison thinks that probably the Edison General Electric Company would like to extend aid to this lady.

Yours very truly,

Private Secretary.

Jan. 17. 1890.

Charles Francis Stone, Esq.,

#15 Broad St., New York City.

Dear Sir:-

I return herewith Annual Report of the Edison Spanish Colonial Light Company for 1889, which has been signed by Mr. Edison as requested in your letter under date 14th instant.

Mr. Edison desires to know the date of the next annual meeting of this Company.

Yours very truly,

Private Secretary.

Jan. 17, 1890.

Messrs. Stearns & Curtis,

58 William St., New York City.

Dear Sirs:-

I beg to confirm the following telegram sent you to-day:-

"Certificate of incorporation sent Col. Gourand two weeks ago for his approval. Communicate with him at Lawyers Club. T. A. E."

Yours truly,

Jan. 17, 1890.

George F. Manz, Esq.,

402 Garden Street,

Hoboken, N. J.

Dear Sir:-

In reply to your letter of 16th instant, please come in the afternoon of Sunday next, and oblige

Yours truly,

Jan. 17, 1890.

Eugene H. Lewis, Esq.,

Messrs. Eaton & Lewis,

120 Broadway, New York.

Dear Sir:-

I beg to confirm the following telegram sent you this morning in reply to your letter of 14th instant:-

"Mr. Edison will be glad to see you at Laboratory to-morrow, Saturday, morning. A. O. T."

Yours truly,

Jan. 17, 1900.

Col. George E. Gourand,
Little Menlo, Upper Norwood,
Surrey, England.

Dear Sir:-

I beg to confirm the following cablegrams exchanged between us yesterday:-

NOSIDE, NEW YORK January 16, 1900.

"Have you shipped new models; telegraph name of steamer."

NOSIDE, LONDON. January 16, 1900.

"Greece seventh."

Yours truly,

Chas. E. Pope.

Jan. 17, 1890.

Mr. Thomas Butler,

44 Wall St., New York City.

Dear Sir:-

With reference to your letter of 15th instant, notifying me that you received on that day from Mr. Chapman, two checks aggregating $14,567.47, representing the proceeds of three Phonograph Works notes of $5,000 each, will you kindly send me the number of the notes in question, and oblige

Yours truly,

Jan. 17, 1890.

Major S. B. Eaton,

120 Broadway, New York City.

My dear Sir,-

Westinghouse is introducing his motor with great rapidity. Byllsby acknowledged it might be an infringement. It certainly is - we have the broad patent. My impression is that a suit should be commenced at once.

Yours very truly,

T. A. Edison

Jan. 18, 1890.

George M. Hopkins, Esq.,

361 Broadway, New York City.

Dear Sir:-

I sent you last night, by express, a phonographic record of the music, manuscript of which you sent to Mr. Edison. This record was made by a piano, the latter instrument being the only one available at the Laboratory upon which the chords could be sounded. Trusting that it will answer your purpose

I am, yours very truly,

Private Secretary.

Jan 20th. 1890.

German National Bank
Newark N. J.

Dear Sirs:

I beg to enclose you herewith check from the A. B. Dick Co. for $638.71/100

Please place same to my credit and oblige

Yours truly
Thomas A. Edison
A.

Jan. 20, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Please prepare for shipment to Samuel Insall, care of Edison's Phonograph Co., Edison House "B," Northumberland Ave., London, W. C. England, three (3) phonographs, latest style. I desire these machines to be gotten out in as handsome form as possible, with cabinets containing drawers for holding records. The power which will be used to operate them will be storage batteries. I desire to have sent with each, 125 first class, selected musical records.

Yours truly,

Thos. A. Edison

Jan. 20, 1890.

Mr. W. H. Mibble,

M y e r s , Florida.

Dear Sir:-

In reply to your letter of 11th instant, concerning boundary line, if the line in question is, as you state, on Mr. Gilliland's end of the grounds, I presume it will be unnecessary for Mr. Edison to have it surveyed.

Mr. Gilliland has no interest in the wind mill which is on the Laboratory, it being the property of Mr. Edison; neither has he any interest in the water supply from that source.

Yours truly,

Private Secretary.

Jan. 24, 1899

Col. George R. Conrad,

74 Madison Avenue,

New York City.

Dear Sir:-

I enclose herewith express receipt, bill of lading, and invoice for shipment of 10 new stylo phonographs from Orange, December 23rd, 1899, and from New York per S. S. "Grecia," 7th instant. Kindly send me check for $498.95, the amount of invoice named, and oblige

Yours truly,

Thos. A. Edison

Jan. 20, 1890.

Mr. Chas. F. Dilks, Sup't.,

Edison Electric Illuminating Co.,

New Brunswick, N. J.

Dear Sir:-

Mr. Edison has read your letter under date 14th inst. He says that he will be very glad to do anything he can to help you, and you have his permission to refer to him in any application which you may make for a position such as you describe in your letter. Mr. Edison knows of no opening in the direction which you indicate.

Yours truly,

A. Tate

Private Secretary.

Jan. 20, 1890.

Messrs. P. H. Keese & Co.,

50 Euclid Avenue, Cleveland,

Ohio.

Dear Sirs:-

Mr. Edison is very much obliged for your letter of 13th instant, and he would like you to send him fifty dollars worth of samples of Aluminum, in ingots, sheets and wire. Mr. Edison wants to see what you have got in this material, as he may probably make use of it. You will, therefore, please send him a full list of samples, and much oblige

Yours truly,

Private Secretary.

Jan. 20, 1890.

George T. Lewis, Esq.,

S. E. Cor. 4th & Walnut Streets,

Philadelphia, Pa.

Dear Sir:-

With reference to your letter of 27th ultimo, enclosing communication from Mr. John C. Raper, in regard to samples of concentrates of iron and zinc sent you with my previous letter, Mr. Edison says that perhaps it would be just as well, from a commercial point of view, for your friend Raper not to assume too much, as to what can and cannot be made to pay. Just let him state what the ore will stand per ton as it comes to us. Perhaps we can fit the process to the money. Mr. Edison has mills that grind one thousand tons of much finer material than Mr. Raper sends every twenty-four hours.

Yours truly,

Secretary.

Jan. 20, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

You will please pack and ship on the 22nd instant, two Ed. phonographs complete, with two dozen musical and five dozen plain cylinders. Phonograms to be of the best and latest type. Please mark goods, Frazar & Co., Shanghae, per N. Y. C. & W., to Prescott, c/o C. P. R'y. Have your Expressman deliver to Pier 5 North River, afterwards bringing the R. R. receipt to Mr. Frazar's office, 124 Water St., New York, together with a memo of the gross weight and measurement of each package. Besides the above marks, please place on the boxes containing one complete phonograph, N. McL., and the other W. S. H.. I enclose herewith a blank receipt to be used with this shipment which was furnished us by Mr. Frazar.

You will also please prepare for shipment early in February, in separate boxes, two phonographs, one to be marked Frazar & Co., Shanghae, H. S. W., and the other Frazar & Co., Shanghae, W. M. L., including with same a box containing one dozen plain and one dozen musical cylinders for each phono. Mr. Frazar informs us that his

house specially asks that you send with each of the above a No. 1 battery. Mr. Frazar promises to furnish us with shipping directions for the last two machines in due course.

Yours truly,

Thos A Edison

Jan. 20, 1899.

S. B. Eaton, Esq.,

120 Broadway, New York.

Dear Sir:-

I am the Secretary of the Edison Lamp Company, the By-Laws of which provide for the annual meeting of stockholders and directors on the 4th Tuesday of January in each year. It became necessary for me to issue these notices on Saturday last, and I sent them out to the stockholders of record and to the directors at present in office. In my official capacity I know nothing of the recent deal with the General Company, which I believe has acquired the stock of the Lamp Company. I presume my action has been correct, but would like your advice.

Yours truly,

A. G. Paul

Jan. 20, 1890.

William F. Wharton, Esq., Assistant Secretary,
Department of State, Washington, D. C.

Dear Sir:-

I beg to acknowledge receipt of your letter of 15th instant, informing me that your Department has received, through your Legation at Rome, a communication from the representatives of the Civic Administration of Como, the birth-place of Volta, addressed to me, transmitting a silver medal, and stating that you will forward these to me by any method I may desire. I beg to request you to be kind enough to forward these to me at the above address, by express. Thanking you for your courtesy

I am, yours very truly,

Alex. G. Bell

Jan. 20, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Upon investigating the manufacture of toy phonograph movements, which has been carried on at the Edison Phonograph Works for several months past, I find that up to the present time there has been invested in this connection about sixty-seven thousand dollars ($67,000). Owing to the delays which have occurred in perfecting certain processes of manufacture, we have not yet been able to deliver any movements to the Toy Phonograph Company, and are, therefore, not entitled under our contract with them to demand pecuniary assistance. I sent Mr. Tate to Boston on Friday last, with instructions to obtain, if possible, from the Toy Company, an advance of twenty thousand dollars against deliveries, and under authority from myself he assured the Executive Committee that these would commence not later than one week from to-day, and in quantity not less than 100 movements per diem. In conjunction with the North American Phonograph Company, and in compliance with a request made of us by the Toy Company, I have waived the first quarter's royalty due me under my contract with the latter, owing

W. W. W. — Jan. 20, 1890.

to our failure to commence the delivery of movements in time to enable them to take advantage of the Christmas trade, thus making a direct personal loss of $2,500, the North American Company losing a like amount.

I write this letter to acquaint you with the statement which I have made in regard to commencement of deliveries one week from to-day, and the extent of the same, and to inform you that nothing must be left undone to bear out what I have said, which was based upon positive statements made to me by your Superintendent after he had been informed of the action which I proposed taking.

Yours very truly,

[illegible]

Jan. 21, 1890.

Philip S. Dyer, Esq.,

c/o Messrs. Dyer & Seely,

#42 Wall St., New York.

My dear Dyer,-

As promised in my letter of yesterday, I have much pleasure in enclosing herewith check to your order, on Messrs. Drexel, Morgan & Co., for $1,810.94, in settlement of your account. Kindly acknowledge receipt of same, and oblige

Yours very truly,

Private Secretary.

This settles all your a/c except a few dollars not on our books yet. Detailes will go to Antwerp

Jany. 21st 1890

—— Rodes Esq.
Dresden

My dear Sir:

My friends Messrs Drexel Morgan also have handed me from time to time the cablegrams which you forwarded as to the condition of my daughter during her recent illness in Dresden, and which were a source of great relief during a trying period. I feel deeply grateful for your generous and thoughtful action and have requested my friend and associate Mr Insull who starts shortly for Europe, to call upon you and personally convey an expression of my warm appreciation of your kindness.

I am Dear Sir
Yours truly
[illegible]

Gancy 31st 1890

Dr Werner Siemens.
Berlin, Germany.

My dear Dr Siemens:

I take great pleasure in introducing to you my friend Mr Samuel Insull, who for several years had charge of my manufacturing industries connected with Electric Lighting and who continues his control of these in behalf of the Edison General Electric Company, by whom they were recently purchased. Mr Insull conducts all my large negotiations and will direct the management of the manufacturing industries which I intend to establish during the coming season.

I will appreciate very highly any courtesies which you may extend to him.

Yours very truly,

Thomas A. Edison

Jany. 21st 1890

Fred^k A Leyland Esq.
London, England:

Dear Mr. Leyland:

My friend Mr Samuel Insull will spend a portion of the coming month in London and I desire to have him meet you.

Mr Insull has for a number of years past had charge of all my manufacturing industries connected with Electric Lighting continuing his control of these in behalf of the Edison General Electric Company by whom they were recently purchased.

He also has charge of other factories owned by myself apart from Electric Lighting and will take active control of the manufacturing industries which I intend to establish during the coming season.

The larger negotiations pertaining to my personal business are conducted by Mr Insull, and I feel sure that his extensive knowledge and experience

experience will interest you.

I will be greatly indebted for any courtesies which you may extend to him.

Yours very truly

Thomas A. Edison

Jany. 21st 1890

Sir John Pender
Winchester House
London England.

My dear Sir John:

I desire to introduce to you my friend Mr Samuel Insull, who will present this letter to you in person.

Mr Insull had charge of all my manufacturing interests connected with the Electric Light, and has retained control of these on behalf of the Edison General Electric Company, which now owns them. He also has charge of other interests of mine outside of the Electric Lighting business and will assume the active control of the manufacturing industries which I propose establishing during the coming season.

He also deals with all my larger negotiations, and I desire him to take the opportunity afforded by his visit to England to have an interview

Dear Sir

I have been asked by Mr. Edison to write you a few lines in reply to your letter of the 8th inst. Mr. Edison is very busy just now and has asked me to say that he will be very glad to see you at any time you may be in the neighborhood of Menlo Park.

Mr. Edison is thoroughly informed as to the commercial side of Electric Lighting having grown up with me in that business.

Yours very truly

Edison

Mr. Edison has asked me to say that he will be very glad to see you at any time you may be in the neighborhood of Menlo Park.

Yours very truly

Thomas A. Edison

PS Mr. E is thoroughly informed as to the commercial side of Electric Lighting having grown up with me in that business

Edison

Jany. 21st 1890

Fred'k Siemens Esq.
Dresden

My dear Mr Siemens:

Through my friend Mr Henry Villard I have learned of the kind interest which you have taken in my daughter during her recent illness in Dresden and I have been handed the cable grams which you forwarded from time to time regarding her condition.

I desire to express to you my deepest gratitude for this generous action which afforded me much relief during a period of great anxiety.

This letter will be handed to you by my friend and associate Mr Samuel Insull who will take occasion to convey to you personally my warmest thanks. I am

Yours truly

Thomas A. Edison

Jany. 21st 1890

Sir George Elliott
London, England:

Dear Sir George:

Permit me to introduce to you my friend Mr Samuel Insull who during his visit abroad will spend a few days in England.

Mr Insull for several years past has had entire charge of all my manufacturing industries connected with Electric Lighting, and continues his control of these in behalf of the Edison General Electric Company by whom they were recently purchased.

He also directs the management of other features of mine outside of Electric Lighting and conducts the larger negotiations pertaining to my personal interests.

He will assume the active management of the manufacturing industries which I propose establishing during the coming season,

I am aware that you take an interest in development of this character and give Mr Insull this letter so

2

that he may have the opportunity of acquainting you with the results of his extensive experience in a most important branch of my business.

I shall be greatly indebted for any courtesies you may extend to him.

Yours very truly

Thomas A. Edison

Jan. 21, 1890

Daniel Weld, Esq., Sec'y.,

The Edison Phonograph Toy M'f'g. Co.,

95 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegrams received from you and sent by me:-

Boston, Jan. 20, 1890.

"One Director ill; full board want to meet you again on Wednesday; if can't come Wednesday name earliest day; think we can agree without difficulty; bring standard models as per contract. Answer. Daniel Weld."

Orange, Jan. 21, 1890.

"I will be in Boston to-morrow morning, with models to meet Directors. A. O. Tate."

Yours truly,

Private Secretary.

Jan. 21, 1890.

Wm. D. Smith, Esq.,

Astor House, New York City.

Dear Sir:-

I beg to confirm the following telegrams received from you and sent by me:-

Reading, Pa. Jan. 20,90

"Can you meet electric road board tuesday next about noon? Please name hour and place. Wm. D. Smith."

Orange, N. J. Jan. 21, 1890

"Will be glad to see your Board to-morrow, Wednesday afternoon, any hour. T. A. Edison."

Yours truly,

Thos. A. Edison

Jan. 21, 1890.

Gustave Stromberg, Esq.,

Westman Furnace Co., 33 Broad St.,

New York City.

Dear Sir:-

I beg to confirm the following telegrams received from you and sent by me:-

"New York, Jan. 20, 1890.
We expect to see you at meeting to-morrow 2 p. m.
Please telegraph. STROMBERG."

Orange, N. J. Jan. 21, 1890
"Will attend if possible, but doubt my ability to do so.
A. O. Tate."

Yours truly,

A. O. Tate

It has been absolutely impossible for me to get away today, which I greatly regret

A. O. T.

Jan. 21, 1890

Messrs. Eaton & Lewis,

#120 Broadway, New York City.

Dear Sirs:-

Referring to the attached letter from the Edison Phonograph Toy M'f'g. Co., Mr. Lippincott, on behalf of the North American Phonograph Co., and myself, have agreed to waive our royalties for the first quarter of year commencing October 1st, 89, such royalties being payable 30 days after the 1st of January, 1890. Will you kindly draw up the papers necessary to put this agreement into effect, and let me have them at your earliest convenience.

Yours truly,

Thos. A. Edison

Jan. 21, 1890

Edison General Electric Company,

44 Wall St., New York City.

Dear Sirs:-

I understand that you have received a portion of the canvass of the City of Buffalo, which is still in progress. Kindly send out to me at once such data pertaining to this matter as is available now.

Yours truly,

Hart Dixon

Jan. 21, 1890

Everett Frazar, Esq.,

124 Water St., New York City.

Dear Sir:-

Replying to your letter of 17th instant, quoting an extract from a letter received from your friends in Japan, I beg to say that the engine referred to is a triple expansion engine, but is not suitable for use in China and Japan.

Yours truly,

Thos A Edison

Jan. 21, 1890

Messrs. Dyer & Seely,

40 Wall Street,

New York City.

Dear Sirs:-

Will you kindly reply to my letter of 16th instant, in regard to application made by Mr. Edison for a patent on the design of the Lalande battery. The Edison M'f'g. Co. is desirous of having a die made with the numbers of patents &c. with which to stamp the Lalande cells, and cannot complete work on same until they receive the data asked for in my letter previously referred to.

Yours truly,

[illegible]

Other patents applied for

[illegible]

Jan. 21, 1890.

Charles Franklin Stone, Esq.,
Mills Bdg., 15 Broad St.,
New York City.

Dear Sir:-

I hereby authorize you to call a meeting of the Board of Directors of the Edison Spanish-Colonial Light Company, for the purpose of appointing a Secretary to fill the office made vacant by the death of Mr. William O'Brien.

Yours very truly,

Thomas A. Edison

President

EDISON SPANISH-COLONIAL LIGHT COMPANY.

Jan. 21, 1890.

Messrs. Eaton & Lewis,

120 Broadway, New York.

Dear Sirs:-

I return herewith trust agreement in duplicate between Mr. Edison and the Mercantile Trust Company, both copies of which have been executed by the former, together with Certificate No. 73 of the Edison Phonograph Works, for 592 8/10th shares of the stock of that Company, the same representing the stock required to be placed in trust under the provisions of the agreement between Mr. Edison and the Edison Phonograph Works under date 12th day of May, 1888.

Yours very truly,

Private Secretary.

Jan. 21, 1890.

Messrs. Eaton & Lewis,

120 Broadway, New York City.

Dear Sirs:-

I return herewith duplicate Certificate of Payment of Capital Stock of the Edison Phonograph Works, which has been executed throughout in proper form. The Commissioner who took the affidavits of Mr. Edison, Mr. Batchelor and myself, stated that it was unnecessary for him to attach his seal.

Yours truly,

Private Secretary.

Jan. 21, 1890.

Mr. Thomas Butler, Sec'y.,

N. J. & Penn. Concentrating Works,

44 Wall St., New York.

Dear Sir:-

I find that we have made an error in regard to the enclosed agreements which were left here by Mr. Livor, with a request that they be sworn to by Mr. Edison. You had better take the matter in hand and do whatever is necessary. They ought to have been handed to you by Mr. Livor. They should be delivered to you by you - not to Mr. Edison.

Yours truly,

Private Secretary.

Jan. 21, 1890

Messrs. Dyer & Seely,

40 Wall Street,

New York City.

Dear Sirs:-

Will you be kind enough to advise me when it will be necessary for Mr. Edison to commence the manufacture of toy phonograph movements in Canada, in compliance with the laws of that country?

Yours truly,

Private Secretary.

Jan. 21, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Will you be kind enough to conduct all correspondence relating to the sale of phonographs in China and Japan by Frazar & Co., through this office. This territory belongs to Mr. Edison, personally. He has an agreement with Frazar & Co., whereby they are appointed his agents. It is, therefore, necessary to conduct the business through us, so that the details of our arrangement with Messrs. Frazar & Co. - with which you are not familiar - can be carried out.

Can you not give me a list of prices of the more prominent parts of the phonograph, such as the recorder and reproducer (new style), spectacle arm, sleeve, and a few of the ~~[illegible]~~

Yours truly,

~~Private Secretary.~~

Jan. 21, 1890.

Messrs. Eaton & Lewis,
120 Broadway,
New York.

Dear Sirs:-

I return herewith duplicate extension agreement duly executed by myself, whereby my option on 8,100 shares of stock in the North American Phonograph Co. is extended to April 1st, 1890. This is in reply to your letter of 17th instant.

Yours truly,

Geo. Gould

Jan., 21, 1899

Dear Mr. Adams,-

I have your letter of 17th instant. I have been unable during the past few weeks to give as much attention to the Niagara matter as I would like, owing to an attack of LA GRIPPE which laid me up in the house for several days. I doubtless will be able to see you to-morrow or next day. I will telegraph you later.

Yours very truly,

Edward D. Adams, Esq.,
Messrs. Winslow, Lanier & Co.,
New York City.

Jan 22nd 1890

German National Bank
Newark N. J.

Dear Sirs:

I beg to enclose you herewith check from the Edison Phonograph Works for $1000.00/100

Please place same to my credit, and oblige

Yours truly
Thomas A. Edison
A.

Jan. 21, 1890

J. H. Herrick, Esq., Vice-Pres't.,

Edison General Electric Company,

44 Wall St., New York.

Dear Sir:-

Referring to the attached correspondence, relating to four patents issued recently to Mr. Patten, copies of which are also attached. Kindly note Mr. Edison's remarks upon your letter, which are as follows:-

> "I don't believe in this. All can be accomplished by putting into an alternating circuit a continuous current dynamo, so that the alternations are prevented from falling below a zero line, a plan which I have patented."

Yours very truly,

Private Secretary.

Jan. 21, 1890.

Isaac P. Grant, Esq., Gen'l. Manager,

Eastern Development Company, L't'd.,

95 Milk St., Boston, Mass.

Dear Sir:-

Mr. Edison has read your letter of 16th instant, in regard to the Coxheath Copper Deposits, located near Sydney, Cape Breton, N. S., and also letter of Mr. William Harrington addressed to yourself, which you enclosed for Mr. Edison's perusal and which I return herewith.

Mr. Edison has just completed arrangements with the Canadian Copper Company for the treatment, electrically, of 100 tons of copper matte daily, and will erect a plant for this purpose. In view of this, he is, therefore, not inclined to embark in any more copper schemes, at present.

Thanking you for your letter

I am, yours very truly,

Private Sec'y.

Jan. 21, 1890.

H. M. Livor, Esq.,

19 Dey Street, New York City.

Dear Sir:-

We have a letter from Mr. John Birkinbine, in which he states that he has had an interview with Mr. Jones Wister, of the firm of L. & R. Wister & Co., one of the most prominent iron commission houses in Philadelphia, and that he found Mr. Wister was fully alive as to the value of concentrated ores and ready to handle them. He suggests opening up a correspondence with him concerning the sale in the future of concentrates made by the N. J. and Pa. Co. If you will address a letter to Mr. John Birkinbine, #25 N. E. City Hall Square, N. Juniper St., Philadelphia, he will put you in communication with Wister & Co., or you can write them direct, as you please.

Yours very truly,

Jan. 21, 1890.

My dear Vail,-

I have your letter of 16th instant. We have just about completed our experiments on the street car motor, and when we are ready to make our first practical test in public, I will be very glad to have you come over, witness the failure and help us out.

Yours very truly,

Frank J. Sprague

J. H. Vail, Esq.,

Sprague Electric R'y & Motor Co.,

10 & 12 Pearl St., New York.

Jan. 21, 1890.

Dr. W. Meyer,

Gesellschaft Urania, BERLIN, N. W.,

Germany.

My dear Sir:-

Mr. Edison has received your very kind letter of 21st December last, and has asked me to thank you for the kind sentiments concerning himself therein expressed.

In regard to the phonograph, Col. George E. Gouraud, who controls the instrument abroad, is at present in America, arranging for its introduction in Europe on a large scale, and when his plans are completed, it is probable that the manufacture of the machine will be undertaken by Dr. Werner Siemens' firm in Berlin, when the public will be afforded every facility for obtaining phonographs.

Yours very truly,

Private Secretary.

Jan. 21, 1890.

Mr. C. H. Wright,

Warwick, N. Y.

Dear Sir:-

With reference to your letter of 18th instant, Mr. Edison desires me to inform you that it is his intention to visit the Warwick region in about a couple of months, when he will inspect all the mines in that vicinity. He will also give himself the pleasure of calling upon you, and go over the property to which you refer.

Yours very truly,

Private Secretary.

Jan. 21, 1890.

Daniel Weld, Esq., Sec'y.,
Edison Phono. Toy M'f'g. Co.,
95 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you this afternoon, addressed to 95 Milk St. and also to the Temple Club:-

"Find it impossible to leave to-day. Please postpone meeting until Thursday. I will go on to-morrow night. A. O. T."

Yours truly,

Private Sec'y.

Jan. 21, 1900.

Lloyd Bryce, Esq.,

"North American Review,"

14th St. & Fifth Ave., New York.

Dear Sir:-

I beg to confirm the following telegram sent you this afternoon:-

"Mr. Edison will be very happy to see yourself and Mr. & Mrs. Astor on Thursday. His carriage will meet you on your arrival at the Delaware Lackawanna Depot. A. O. T."

Yours truly,

Private Secretary.

Jan. 21st, 1890

Messrs. Perry & Ryer,

65 Beaver Street,

New York City.

Dear Sirs:-

We have received your letter of 21st instant, and beg to give you the following information in regard to certain shipments which have been made to Mr. Edison from Havre, by the Société de Construction de Machines, Pantin, France, and would ask you to kindly trace these shipments, and have the packages forwarded to Orange:

On the 29th of November, 1889, we received a letter from the Société Centrale de Construction de Machines, of which the following is an extract: "We have the honor to inform you that we send to-day from Havre, to reach you by the Compagnie Transatlantique, a case containing in four packages all the working drawings for the two triple expansion engines of 150 and 300 horse power." This case came across on the "La Bourgogne," which reached New York on the 13th or 16th of December. Under date Dec. 17th, we received a postal card from the Merchants Despatch Transportation Co., stating that they had received all of the [illegible] a package

from Havre, via S. S. "La Bourgogne," addressed to Mr. Edison, and requesting that the Consular invoice be sent for same. In response to this we forwarded to the Merchants Despatch Transportation Co., on the 18th Dec. last, papers that we had received relating to this package. We have heard nothing and seen nothing of the package since that time.

On the 16th December last we received a circular from the Societe Centrale de Construction de Machines, stating that models for a 150 horse power engine had been forwarded to Mr. Edison on the S. S. "La Gascogne," which reached New York about the 23rd of December. Under date Dec. 23rd, we received postal card from the Merchants Despatch Transportation Co., asking for Consular invoice for shipment via S. S. "La Gascogne, in response to which we forwarded to them such papers as had reached us from E. Grosos, Havre, the forwarding agent. We apprehend that the four cases referred to in your letter of 21st instant, comprise the shipment carried by "La Gascogne." It is possible that the shipment per "La Bourgogne" may be included in these cases, but all of this information you can obtain from the Merchants Despatch Transportation Co., and we will be very much obliged if you will take the matter up at once, have it straightened out, and all the cases forwarded to Orange, via the Greenwood Lake Branch of the N.Y. L. & W.

Yours very truly,

Private Secretary.

Jan. 22, 1890.

Messrs. Baldwin Bros. & Co.,

53 Broadway, New York City.

Dear Sirs:-

On the 20th December last I forwarded to you bill of lading for four casks of cylinders shipped to me from Havre via S. S. "La Gascogne," and communication regarding same received from Compagnie Generale Transatlantique, requesting you to have them passed through the Customs and forwarded to me at Orange, since which time I have heard nothing or seen nothing of the shipment referred to. Will you kindly inform me by return mail what you have done about this matter, and much oblige

Yours truly,

Thos A Edison

Jan. 22, 1890.

Daniel Weld, Esq., Secretary,

Edison Phonograph Toy M'f'g. Co.,

No. 95 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"Please don't call Directors together until I wire you that I am ready to start. A. O. T."

Yours truly,

Amie

Jan. 22, 189.

Edward D. Adams, Esq.,

Messrs. Winslow, Lanier & Co.,

New York City.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"Mr. Edison will be glad to see you this evening or to-morrow evening, whichever suits your convenience. Please notify him when you will come."

Yours truly,

Private Secretary.

Jan. 22, 1890.

Messrs. Weyher & Richemond,

80 Route D'Aubervilliers,

Pantin (Seine), France.

Dear Sirs:-

I beg to confirm the following cablegram sent you to-day:-

"Have Consular invoices sent without fail for three hundred engines. These were omitted with other shipments, causing great trouble.EDISON."

Yours very truly,

Thos A Edison

Jan. 22, 1890.

Everett Frazar, Esq.,

124 Water Street,

New York City.

Dear Sir:-

With reference to your letter of 18th instant, addressed to the Edison Phonograph Works, ordering phonographs and batteries for Shanghae, will you in future please address all orders for phononograph material to this office. The Phonograph Works are obliged to refer all such correspondence to the Laboratory, and by addressing us direct you will avoid the delay caused thereby.

Yours truly,

Private Secretary.

Jan. 23, 1899.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

We beg to confirm our telephone message of yesterday, requesting you to discontinue shipments of phonogram blanks to A. T. E. Wangemann, Paris.

Yours truly,

Private Secretary.

Jan. 23, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

I beg to acknowledge receipt of your letter of 21st instant, enclosing list of battery material sent to Silver Lake 17th instant, and note that this clears out all the battery stock of yours.

We will send the North American Phonograph Co. a credit note for the material returned by the Wisconsin Company.

I am very much obliged to you for the circular letter of the North American Phonograph Co., enclosed with yours under reply

Yours very truly,

C. H. Smith

Jan. 23, 1890.

George F. Kunz, Esq.,

402 Garden St., Hoboken,

N. J.

Dear Sir:-

I beg to confirm the following telegram sent you last night, in reply to your letter of 20th instant:-

"Come Friday evening. Am engaged Thursday."

Yours truly,

Wm. H. Edwards

Jan 23rd 1890

Roman National Bank
Broad Street
Newark N. J.

Dear Sirs

I beg to enclose you herewith a check from the Edison Phonograph Works for $ 3000.00 and one from the Penna Salt Mfg Co for $ 129.31/100.

Please place same to my credit and oblige

Yours truly
Thomas A. Edison
A.

Jan. 22, 1890.

Lloyd Bryce, Esq., Editor,

"North American Review,"

New York City.

My dear Mr. Bryce, -

I have your letter under date 18th instant, asking me to formulate a set of rules which, in my opinion, would be adapted to the practical requirements of the United States in connection with electric lighting. Of course I could get up such a set of rules, but the trouble is that I am an interested party, and when anything of that kind comes from my pen, it subjects me to attacks from all quarters, which are entirely unfair, and before I decide to go ahead and get these rules out for you, I wish you would consider this matter. Perhaps I can talk to you about it when I meet you to-morrow.

Yours very truly,

A. E. Kennelly

Jan. 23, 1890.

Mr. L. Pasteur, President,

Societe de Secours des Amis des Sciences,

79 Boulevard St.-Germain, PARIS, France.

D e a r S i r :-

Mr. Edison has received your letter of 1st of December last, asking him to become a member of the "Societe de Secours Amis des Sciences." He takes much pleasure in complying with your request, and has instructed me to send you the enclosed check for fifty dollars ($50), which, according to your letter, entitles him to perpetual membership. Kindly acknowledge receipt of same, and oblige

Yours truly,

Private Secretary.

Jan. 23, 1890.

Mr. W. M. Burrows,

Walles Bdg., No. 18 Broadway,

New York City.

Dear Sir:-

We are very much obliged for your letter of 21st inst., returning correspondence relating to the engine purchased by Mr. Edison in Paris, and also giving us a statement of your disbursements in connection with this matter. We have to-day written Messrs. Weyher & Richemond, the manufacturers, in regard to the omission of Consular invoices and the trouble which we were caused thereby.

Yours very truly,

Agnie

Private Secretary.

Jan. 23, 1900.

Robert Sedgwick, Esq.,
[illegible] Pine Street,
New York City.

My dear Mr. Sedgwick,-

I have your letter 21st instant, in regard to the annoyance to which you have been subjected in connection with your house in Llewellyn Park. I have been laying for an opportunity to secure the two young men of mine, who you say have been indulging in this practice, and I will investigate the matter at once, and assure you, so far as they are concerned, that the annoyance will not be repeated.

Yours very truly,

[illegible]

Jan. 23, 1890.

C. A. Stuart, Esq.,

Somerset Club,

Boston, Mass.

Dear Sir:-

Mr. Edison has asked me to thank you for your kind letter of 20th instant, calling his attention to the "petrified wood" of the stone forests of Arizona. Mr. Edison, in his collection, has a number of very fine samples of this wood, and has tried it in the connection to which you refer, but found it unsuitable, as it is not hard enough. Up to the present time nothing but sapphire seems to answer the purpose.

Yours very truly,

Private Secretary.

Jan., 23, 1890.

Mr. Wm. H. Wylie,

Carleton Place, Ontario,

Canada.

Dear Sir:-

Mr. Edison has received your letter of 20th instant, in regard to certain iron properties of which you desire to dispose. He has investigated recently a number of properties in Canada, more particularly Coe Hill, and he finds that it would be impracticable for him to work them. The duties on entering the United States, eat up all the profits which could be made from this business. If those duties were removed, Mr. Edison would engage in the work of iron concentration in Canada to a very large extent, but as matters stand now it is impracticable for him to go into it.

Yours very truly,

Private Secretary.

Jan. 23, 1890

Mr. John Birkinbine,

Philadelphia, Pa.

My dear Sir:-

I have received your letter of 21st instant, together with pamphlet containing information, in regard to a water power on the St. Louis River, at the head of Lake Superior.

I want a power nearer home. I should have to ship 70% of the concentrates to Orange, anyway, and the other 30% might just as well come along too. Besides this, I want to have a power at a point where I can take advantage of the matter of North Carolina, which is the reason I desired you to look up the [illegible] Deposit matter.

Yours very truly,

[illegible]

Jan. 23, 1890.

Robert Fraser, Esq., Sec'y. & Treas'r.,

The Central Ontario Railway,

Trenton, Ont., Canada.

My Dear Sir:-

Your letter 19th instant to myself, and your letter 20th instant to Mr. Edison, have been both received, and we are very much indebted for the same. The information which you forwarded to Mr. Edison, under separate cover, has not yet come to hand, but I expect it in to-morrow's mail. Upon receipt of this Mr. Edison will communicate with you further.

Yours very truly,

Private Secretary.

Jan. 21, 1899

Prof. Wm. D. Marks,

9017 Sansom Street,

Philadelphia, Pa.

Dear Sir:-

I have your letter of 21st instant, in regard to bonding the Philadelphia Station. I will see some of our people in New York about this matter, and find out what can be done, and will write you further a little later on.

Yours very truly,

H. M. Pierce

Jan. 23, 1890

Henry Villard, Esq.,

Mills Bdg., New York City.

Dear Sir:-

Referring to the attached letter from Prof. Marks, it seems to me that if the Philadelphia Company desires to issue a reasonable amount of bonds, and if we got our proportion of the stock, we could well afford to let them place the bonds in other hands than ours. The Philadelphia Station would be an excellent one for us to obtain control of.

Yours very truly,

[illegible]

Jan. 23, 1890

Philip S. Dyer, Esq.,

A n t w e r p , Belgium.

Dear Sir:-

We have received your letter under date 27th ultimo, enclosing translation of a letter addressed to yourself by Dr. de Lalande, with relation to an arrangement whereby Mr. Edison would be permitted to merchandise Dr. de Lalande's secondary battery.

We have already written you that you have entirely misunderstood our requirements, and we will now inform you of exactly what it is Mr. Edison wishes to obtain from Dr. Lalande.

Under Mr. Edison's first agreement with Lalande and Chaperon, he has the right to use the Lalande primary cell, in the United States [illegible], for all purposes, excepting for electric lighting, and in secondary form. Mr. Edison can ship these cells abroad to be used in connection with the phonograph. I enclose a copy of the contract referred to, where you will find all these provisions specifically made. We now desire to obtain from Lalande and Chaperon the right to use this primary cell for electric lighting purposes, up to and not exceeding, twenty-five (25) lamps. Mr. Edison also desires to acquire the right to merchandise this primary cell

in such European countries as have not been disposed of by Lalande to other parties. Also the right to merchandise the same in Canada and Mexico, upon the same basis of royalty as now obtains. We see no reason why Lalande should'nt agree to this, as it simply means that it will increase his royalty in the aggregate.

Yours very truly,

Private Secretary.

Jan. 25, 1890

Messrs. Weyher & Richemond,

P a n t i n (Seine), France.

Dear Sirs:-

We cabled you yesterday (cable confirmed elsewhere), asking you to send, without fail, Consular invoices for the models of the 300 horse power triple expansion engine which are coming forward on the "La Champagne." These invoices were omitted with all your other shipments, which omission has caused us an infinite amount of trouble. I enclose herewith an extract from a letter we have just received from our Shipping Agent. Will you be kind enough to forward us Consular invoices for all your previous shipments, so that the Bond which Mr. Burrows has given at the Custom House can be cancelled.

Will you also please advise us in regard to the arrangement which was made with the Compagnie Transatlantique as to unloading the 500 horse power engine in New York. They charged us $[illegible] for hoisting the machinery from the hold of their vessel and putting it upon the dock, which they claim they had a right to do under their bill of lading contract,

Yours very truly,

Extract from letter received by Mr. Edison from Mr. W. M. Burrows, Shipping Agent, New York, under date January 21st, 1890.

"The Compagnie Transatlantique has made a charge of $74.40 "for hoisting the machinery from the hold of their vessel and put-"ting on dock in New York, which they claim under their Bill of "Lading contract. I think it would be well to write H. Weyher or "M. Grosos for verification of this agreement at time of shipment. "By reason also of their having been no Consular invoices (which I "have signed Bond at Custom House to produce within six months), "accompanying Bill of Lading, you have been put to additional and "unnecessary expense of $25 to prevent the General Order Storage "of the machinery, which would have amounted to several hundred "dollars in all probability. The omission of the Consular in-"voices under such circumstances, as the case of this heavy ma-"chinery, was a grave oversight, which no forwarder who understands "his business should have permitted, and you should not be the "sufferer for his negligence. It is possible, however, that the "invoices were made at Paris (not Havre) and consulated there, and "Mr. Grosos may not have received them. In this case the manu-"facturers should be responsible for the additional expense. "Please request immediate transmittal of these invoices, that my "Bond may be cancelled at Custom House."

(Signed) W. M. BURROWS."

Jan. 24, 1890.

National Iron Works,

New Brunswick, N. J.

Dear Sirs:-

Your failure to deliver to us the Rubber Mixer ordered of you, has disappointed us very much, and delayed us seriously in our work. We must now ask you to name a definite date when you can deliver it. Please let us hear from you by return mail.

Yours truly,

Thos A Edison

Jan. 24, 1890.

My dear Vernes,-

I am very much obliged for your letter under date 10th instant, and in regard to the Pearl Street Station, the conflagration occurred on Thursday, and completely destroyed the whole of our plant. On Saturday, our men got possession of the premises, and on the following Saturday we had the whole of our load of twenty thousand lights running again, accomplishing the work in six days, of 24 hours each. Can you do that sort of thing in Paris? With reference to our losses, those will not be very great, inasmuch as our insurance will reimburse us for the expense of the fire, and the erection of a new Station will enable us to reduce our running expenses about thirty per cent.

Yours very truly,

Thos. A. Edison

A. Vernes, Esq.,

No. 8 Rue de Chandrin,

Paris, France.

C o p y.

Orange, N. J. Jan. 16, 1890.

James F. Kelly, Esq.,

10 Dey St., New York.

Dear Sir:-

Replying to your recent communication in regard to old chromic acid cells, we beg to say that we are prepared to supply these to the North Am. Phonograph Co. at prices the same as charged by the Edison Phonograph Works. These prices are as follows:

Zincs 20 cents each; carbons 10 cents each; glass jars 20 cents each; battery cords 75 cents each; rubber tops 47 cents each; connections 5 cents each; chromic acid 20 cents a pound, or in lots of 200 lbs., and over, 16 3/4 cents, less 10%. Price of one cell complete with iron jar $3.70. They use one of these cells to a phonograph.

Yours truly,

(Signed) A. G. Yates.

Jan. 24, 1890.

Mr. Thomas Butler,

44 Wall Street, New York City.

Dear Sir:-

Will you kindly look through your files and see if you have the letter from Col. Gourand in which he orders 1,000 phonographs. It is addressed to Mr. Edison, and was handed to Mr. Insull. The letter I think is dated some time in the latter end of June or early in July. The Colonel commences the letter with expressions of appreciation of the new machine, and the order referred to is at the tail end of the communication, the language as far as I recollect, being "I now give you a firm order for a thousand machines." Kindly have this matter looked up at once, and if you find the letter, send it to me at Orange with as little delay as possible.

Yours very truly,

Private Secretary.

Jan 24th 1890

Messrs Sam'l J. Davis
Orange N. J.

Dear Sirs:

In regard to the enclosed statement I beg to state that my wife has sent the "Union" and no doubt you will hear from the Ladies very soon about it

Yours truly
Thos. A. Edison
R.

Jan. 23, 1890

Consolidated Railway Telegraph Co.,

115 Broadway, New York City.

Dear Sirs:-

Referring to my resignation of my position as a Director in your Company, even date herewith, I should be glad if you could elect my Private Secretary, Mr. A. O. Tate, to serve on your Board in my place.

Yours very truly,

Jan. 23, 1890.

Consolidated Railway Telegraph Co.,

115 Broadway, New York City.

Dear Sirs:-

I hereby beg to resign my position as a Director in Your Company, the same to take effect at once.

Yours very truly,

Jany. 24. 1890

Samuel Insull Esq.
Pr Edison Phono. Co.
London. Eng.

Dear Sir

I beg to notify you of the following shipments made this day to your C/o Edison Phono Co. London England via Wells Fargo Adams Express. Viz:-

Case	#1	contains	150 Musical Records
"	#2	"	1 Cabinet
"	#3	"	3 Motor Phonographs
"	#4	"	Type Writers Motor Table Castings
"	#5	"	Type Writers Motor Table Wood-Work.

Cases marked #9780 & 9781 Weight 990 lbs
Shipping receipt enclosed.

Yours truly
Thos. A. Edison.
Supt.

~~195~~
312 1/2

Jan. 25, 1899

Messrs Baldwin Bros. & Co.,

53 Broadway, New York City.

Dear Sirs:-

I am very much obliged for your letter of 24th inst., in reply to mine of 23rd, in regard to four casks of cylinders shipped to me from Paris, via S. S. "La Gascogne." I have written Mr. Hummer, as you suggest.

Yours very truly,

[illegible]

Jan. 25, 1890.

Everett Frazar, Esq.,

124 Water Street,

New York City.

Dear Sir:-

Mr. Tate has shown me a draft of a contract prepared by Major Eaton, at the request of the former, relating to the sale of the phonograph in Japan, and which was handed to him by yourself that he might consult me in regard to the modification of a certain clause pertaining to a minimum guarantee of annual sales, which I had previously suggested should be 200 instruments per year.

I desire to invite your attention to the fact that I would only be justified in making an exclusive contract for a term of years with your firm (or with any other persons), upon your agreeing to do an amount of business which in my opinion should be accomplished, your guarantee in this connection being an equivalent for the exclusive rights conferred upon you by myself.

The number of machines which I originally inserted in the draft of your proposed contract, represents as small an amount of business as it would be worth either your while or ours to contem-

place in entering into a formal agreement.

But my chief objection is that such an agreement as has been drawn up, fails to give expression to the real spirit of the understanding which exists between us.

It has never been my intention or wish to sell phonographs to your firm. I want to sell them to the public in the countries where your firms operate and where you have performed such excellent work in the sale of Edison Electric Light plants, your success in connection with which is a sufficient guarantee of the amount of energy you can bring to bear upon the exploitation of any new business.

The arrangement I have always had in view, and in fact the arrangement which I thought had been settled upon and was being carried out, until the matter was opened up again recently, was simply that I was to bill phonographs to you at a certain advance upon the prices paid by me to the manufacturers, and sell them through your firms in China and Japan, your compensation for handling the goods being derived from an additional advance in the prices to the public. In short I have contemplated an ordinary commercial transaction, free from onerous exactions on either side; a transaction looking to the sale of phonographs, and not to the disposal of "rights;" an arrangement by which the instruments could be marketed in an ordinary way, just as any article of commerce is dealt in and brought within reach of the public. The

margin between the price of the instruments here and the price which can be obtained for them in China and Japan, is considered by you to be sufficient to compensate you for the expense of handling them, and I am satisfied with the advance which I make above the manufacturer's prices.

If the business does not pay, you certainly can have no desire to continue it, nor have I any desire to insist upon your doing so. If it proves successful, it is unlikely that either of us would wish to withdraw from a profitable enterprise. It, therefore, seems to me that we could both spend to better advantage the time consumed in the discussion of guarantees and exactions, which more frequently retard than assist real progress in affairs of this nature.

Yours very truly,

Thos. Edison

Jan. 24, 1897

Col. George E. Gouraud,

Lawyers' Club, New York City.

Dear Sir:-

I beg to acknowledge receipt of your check under date 24th instant., on Drexel, Morgan & Co., to my order, for $498.05, in payment of my invoice under date January 17th, for 10 new style phonographs shipped to London on your account. I return herewith the invoice receipted.

Yours very truly,

Thos. A. Edison

Jan/28, 1899

Col. George R. Gourand,

Lawyers' Club,

New York City.

Dear Sir:-

Your letter under date 24th instant, came to hand this morning. The motor phonograph, with battery, and the treadle phonograph, were sent in to you this morning. We were unable to send a water motor machine, as we have none ready at present. We will let you know when it will be possible to supply you with one of those machines.

Yours very truly,

Private Secretary.

Jan. 25, 1890.

Mr. C. F. Johnson,

31 Temple Court,

New York City.

Dear Sir:-

Mr. Edison has received your letter of 22nd inst., in regard to a device for covering the head to deaden the sound of the reporter's voice. We will try this experiment in the Laboratory and let you know when we have any device ready that can be seen.

Yours very truly,

Private Secretary.

Jan. 25, 1897

Benj. F. Stevens, Esq.,

New England Mutual Life Ins. Co.,

Boston, Mass.

Dear Mr. Stevens, -

I have your letter of 23rd instant, and will postpone my visit to Boston until it is convenient for you to attend the meeting of Board of Directors of the Foy Company.

Yours very truly,

Private Secretary.

Jan. 25, 1890

W. J. Hammer, Esq.,

23 Rowland Street,

Newark, N. J.

Dear Sir:-

Referring to our letter to you under date 21st Dec. last, with which we enclosed certain correspondence from Messrs. Baldwin Bros. & Co., in regard to four casks of cylinders shipped from Paris to Mr. Edison, via S. S. "La Gascogne," not having seen or heard anything of this shipment, we wrote Messrs. Baldwin Bros. & Co. a day or so ago, and the following is an extract from a letter which they sent us in reply:-

> "Mr. Hammer, your representative at the Paris Exposition (now in Newark), has all the papers in this matter and is informed about them. The Customs will not allow us to swear to entry as the papers read in your name. Kindly communicate with Mr. Hammer, and oblige."

Will you kindly inform me what you are doing about this matter, and much oblige

Yours truly,

Private Delivery

Jan. 25, 1890.

Prof. William D. Marks,

Edison Electric Light Co.,

909 Sansom St., Philadelphia, Pa.

Dear Sir:-

With reference to the enclosed copy of report "Concerning the cost of producing the Edison Incandescent Light from actual data obtained from the books of the Edison Electric Light Company, of Philadelphia," which you recently sent me, I beg to call your attention to an error of $1,400 in the total of the figures representing "constant charges," which appear on the second page thereof.

I desire to use the data embodied in this report, and would ask you to kindly inform me if the error referred to will affect the different estimates in same? If it will not, kindly return the copy sent you herewith, and I will make the necessary correction.

Yours very truly,

Thos A Edison

This Letter was not sent away

Jan. 25, 1890.

Major S. B. Paton,

120 Broadway,

New York City.

Dear Sir:- I have your letter of 23rd instant, informing me as to the decision of the Court regarding the tax on myself as Administrator. I enclose herewith my check for $760, and wish you would kindly settle this matter, obliging

Yours very truly,

Chas. Edwards

Jan. 25, 1890.

H. M. Livor, Esq.,

19 Dey St., New York City.

Dear Sir:-

Mr. Edison received your letter of 23rd instant, in regard to visiting Bechtellsville, and asks me to say in reply that he will let you know as soon as he is able to go down there.

Yours truly,

Private Secretary.

Jan 25/90

Edison Phonograph Works
Orange N.J.

Dear Sirs:

I have read the correspondence from various Phonograph Companies, addressed to the North American Phonograph Co, and referred by them to yourselves, complaining of the quality of Musical records furnished from my Laboratory.

In response to your inquiries regarding these complaints I beg to say that I have permitted Musical records to be made here purely as a matter of accommodation to the North American people. The work has taken up a considerable portion of space which I could have occupied

to much better advantage; and I allowed it to go on simply to oblige those who had no facilities for making these records themselves. This necessitated not a little organization as we have been producing from one hundred to two hundred cylinders per day, Each one of which had to pass through the hands of an employé whose sole duty it was to select only those which were absolutely perfect, the others being discarded and turned off. Those reserved for marketing here furnished you at cost price. So long as the work

required none of my personal attention I had no objection to its being carried on in my laboratory, but the number of complaints that I have been asked to read lately has shown me very clearly that this business must be handled by some one who has more time to devote to it than I have; or perhaps it might be more satisfactory for the different phonograph companies to make their own musical records.

I have today closed my music room and discharged the staff lately employed there. If you desire any information

as to our methods; dimensions of funnels or any particulars regarding details I will be very happy to furnish them to you.

The stock of records which we have on hand here will be sent to your store room on Monday

Yours very truly

Thos. A. Edison

Friday

Jan 28/91

Messrs Ryan & Daly
New York.

Gentlemen: Your man came over here yesterday afternoon and I was very busy - too busy to see him before it got so late that nothing could be done that night. I therefore told him to come early this morning - he turned up at one, and left at four, the amount of work he did in that time equalling what

Rowland would do
in about an hour.
This afternoon
Rowland burned up and
boiled the life out of
me. I am tired of this
business and with your
kind permission will
assistance you to
make me drawings
and you can deduct
the value of same
from your bills.
Please let me know
the size, quality &c

of paper and what
the rules are which
govern this Division
as soon as possible.

Yours
Thos Ellis

Jan. 25, 1890

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

Confirming Mr. Maguire's conversation with your Mr. MacGruthar of this morning, in regard to phonographs for Shanghae, I beg to quote the following extract from a letter rec'd. from Mr. Frazar under date 24th instant, the same having already been perused by Mr. MacGruthar:

"PHONOGRAPHS FOR SHANGHAE. The two to be sent by the C. P. R routes were received and forwarded on the 22nd instant. The other two for Shanghae, intended to be sent a little later on via Suez Canal, I now desire you to ship to-morrow, as the S. S. "Glengyle" clears on Monday, the 27th instant. I enclose herein shipping order for 6 or less packages, intended to cover this order. Please mark same in accordance with my letter to you and see that they are alongside the "Glengyle" at Pier 20 (New No., E. R.) not later than to-morrow, Saturday afternoon. Please request your delivering agent to have the gross weights and measurements placed on the back of the receipt, handing same to this office as soon as delivered."

Yours truly,

Private Secretary.

P. S. The shipping receipt referred to in above extract, was handed to Mr. MacGruthar.

January 28 1890

Sevor -

This will introduce to you Mr Coslett: my Engineer - He comes to Ogden to get some points on the new mill please show him the drawings and give him all the information possible

Yours
Thos A Evans

Ogden N.Y.

Ogden Mines -

Jan. 25, 1890

H. M. Livor, Esq.,

19 Dey Street, New York City.

My dear Sir:-

With reference to your letter of 23rd instant, I beg to advise you that I have informed Mr. John Birkinbine of your intention to communicate with the firm of L. & R. Wister & Co. Philadelphia, as soon as you are in the market with concentrates, which you expect will be in a little over two months.

Yours truly,

Private Secretary.

Jan. 25, 1890.

Mr. John Birkinbine,

25 N. E. City Hall Square,

Philadelphia, Pa.

Dear Sir:-

With reference to your letter of recent date, in which you suggest the desirability of opening up a correspondence with the firm of L. & R. Wister & Co., of your city, in regard to availing ourselves of their services in the sale of concentrates, I beg to advise you that we communicated with Mr. H. M. Livor, General Manager of the N. J. & Pa. Concentrating Works, in regard to this matter, and he advises us that he knows the firm of Wister & Co. very well, and that it was his intention to communicate with them just as soon as the Company is ready to market concentrates, which will probably be in a little over two months.

Yours very truly,

Private Secretary.

Jan. 25, 1890.

A. B. Dick Esq.,

152 - 154 Lake Street,

Chicago, Ills.

Dear Sir:-

I beg to direct your attention to the advertisement of "THE EDISON MIMEOGRAPH," in the enclosed copy of "News from the Churches and Schools." Is the NEW EDISON MIMEOGRAPH COMPANY working under authority from yourself? Never having heard of it before, is the reason for sending you this communication.

Yours truly,

Private Secretary.

Jan. 25, 1890

William F. Wharton, Esq.,
Assistant Secretary,
Department of State, Washington, D. C.

Dear Sir:-

In reply to your letter under date 22nd instant, I beg to advise you that the package containing a communication from the representatives of the Civic Administration of Como, the birth-place of Volta, addressed to myself, together with a silver medal, has been duly received by me.

I shall address a communication direct to the representatives of the Civic Administration of Como, acknowledging receipt of their kind message.

Thanking you for the trouble which you have taken in this matter

I beg to remain,

Very truly yours,

Thomas A. Edison

Jan. 23, 1890.

T. R. Talmavall, Esq.,

The Electric Age,

New York City.

Dear Sir:-

With reference to your letter of 21st instant, asking for an advance copy of the phonographic address of Mr. Edison to be delivered at the Kansas City meeting of the National Electric Association, I beg to inform you that Mr. Edison is simply going to send to the meeting in question a record of his voice, it being impracticable for him to prepare the paper originally contemplated.

Yours very truly,

Private Secretary.

Jan. 27, 1890.

Mr. W. J. Jenks,

c/o Edison Gen'l. Electric Co.,

New York City.

My dear Sir:-

Mr. Edison is very much obliged for your letter of 22nd instant, in regard to North Carolina Corundum mines. He contemplates a visit to Asheville in the course of a few weeks for the benefit of his health, and before leaving that vicinity will call upon your father, and talk with him in regard to the property referred to.

Yours very truly,

Private Secretary.

Jan. 27, 1890

Messrs. Eaton & Lewis,

120 Broadway, New York City.

Dear Sirs:-

I beg to refer to you the enclosed letter from Jas. D. Martin, Rochester, N. Y., forwarded to Mr. Edison by the United Edison M'f'g. Co. Can you prevent the firm of Nichols & Co. from using the name "Edison" in connection with the Electro Chemical Fluid, referred to in Mr. Martin's letter?

Yours truly,

Private Secretary.

Jan. 27, 1890

S. B. Eaton, Esq.,

120 Broadway,

New York City.

Dear Sir:-

I beg to confirm receipt of the following telegram addressed to Mr. Edison, received from you 24th instant:-

"Suit against you on personal tax decided in your favor. S. B. E."

Yours truly,

Private Secretary.

Jan 27th 1890.

German National Bank
Broad Street
Newark
N. J.

Dear Sirs:

I beg to enclose you herewith check from Mr E. E. Bonnard for $498. 95/100

Please place same to my credit and oblige

Very truly
Thomas A. Edison
A.

Jan. 27, 1890

Major S. B. Eaton,

120 Broadway,

New York City.

Dear Sir:-

Referring to your letter under date 16th instant to Mr. Everett Frazar, No. 124 Water St., New York, with which you enclosed copy of a proposed agreement relating to the sale of phonographs in Japan, I sent you on Saturday last, copy of a letter addressed by myself to Mr. Frazar referring to this same subject, and in which I proposed conducting this business in an ordinary commercial way without entering into any formal agreement with Mr. Frazar or his firms. I have seen Mr. Frazar since writing the letter last referred to, and he has agreed to conduct the business in accordance with my suggestions. It will therefore be unnecessary for you to take any further steps relating to an agreement between Mr. Frazar's firm and myself.

Yours very truly,

Jan. 27, 1890.

J. H. Herrick, Esq., Vice-Pres't.,

Edison General Electric Company,

44 Wall St., New York.

Dear Sir:-

In reply to your letter of 24th instant, I beg to say that during the recent visit of Messrs. Boggs and Kruesi to the Laboratory, I made the suggestion that data and plans in connection with the construction of the new plants in New York City, should be collected and prepared for the Edison Electric Illuminating Co., by the Engineering Department of the General Company. Mr. Boggs refused absolutely to have anything to do with the General Co's Engineering Department. As Mr. Boggs is at present the master of the situation, and the Manager of the Illuminating Company, I deferred to his views and said that I would use some of the employees of the Engineering Dep't, to get the data, and did my best to accomplish results without any friction. I think it might be well before taking any decided steps in this matter for us to wait until the time comes when the Edison General Co. contracts the New York Illuminating Co.. Otherwise it may lead to trouble which can just

as well be avoided by taking the course which I have suggested.

Yours very truly,

Thos A Edison

Jan. 27, 1900

Mr. H. M. Liver,

19 Dey Street,

New York City.

Dear Sir:-

I have thought the Bechtelsville Mill business all over, and I think the best thing is that I take hold of the thing myself, assuming all responsibility. This will take the worry off your mind and you can then attend entirely to Ogden business. I want to do this especially, as in view of the extent to which I am going into mining that I want to learn the business from actual experience. So you had better drop a note to Gildea, and say you are so busy with Ogden, you can't give attention to Bechtelsville, and that Edison will come down in a few days and make different arrangements. I shall also see Hartzell and come to some serious understanding about the mines. Things must be changed. Answer if you understand.

Yours truly,

[illegible]

Jan. 27, 1890

Mr. Thomas Butler,

44 Wall St., New York City.

Dear Sir:-

I sent to Mr. Insull from Paris, in the early part of September last, or the latter part of August, copy of a letter written by Mr. Edison to Col. Gouraud, in regard to the latter's order for 1,000 phonographs. I also sent him copy of a telegram which was sent to Gouraud from Paris, quoting maximum prices on the different styles of machines, together with copy of our letter confirming the said telegram. It is necessary that I should have those papers at the earliest possible moment. I do not find them here and presume that they are in Mr. Insull's files somewhere in New York. Will you kindly obtain them for me and send them out as quickly as possible, obliging

Yours truly,

Private Secretary.

Jany. 25/1890

Frazar & Co
124 Water St.
New York.
Dear Sirs.

I beg to notify you of the following shipments made this day viz:-

Case #1 contains One Motor Phonograph
" #2 " "
" #3 " 24 Blanks & 12 Musical Record.
" #4 " "

Marked Frazar & Co "Shanghae" China, Via S.S. Glenfyle. Pier 29 E.R.

I enclose shipping receipt of "Wells Fargo & Co's Express covering same.

Yours truly
T. Edison.
enclosed

Jan. 28th 1890

The Edison Machine Works
Schenectady
New York

Dear Sirs:

I beg to enclose you herewith an invoice for Porter Engine Experiment amounting to $ 1012. 43/100 which has been accepted by your Mr Insull.

Please place same to my credit and oblige

Yours truly
Thomas A. Edison
A.

January 28th 1890

Messrs. Bergmann and Co'y
292 Avenue B.
New York.

Dear Sirs:

I beg to enclose you herewith an invoice for meter experiments amounting to $1363. 57/100 which has been accepted by your Mr Russell.

Please place same to my credit and oblige

Yours truly
Thomas A. Edison
A.

Jan 28th 1890

Edison Phonograph Works
Orange N. J.

Dear Sirs:

Please ship today if possible to
Edisons Phonograph Company
Edison House "B"
Northumberland Ave
London W.C.
England.

50 Sets each Com Governor Brushes
50 " Belts
50 Governor Springs

These supplies are for the new machines

Yours truly
Thomas A. Edison
R.

Jan. 27, 1890.

My dear Mr. Stevens,-

Mr. Edison desires me to thank you for your kindness in assisting him to obtain a copy of "Hitchcocks Geology of New Hampshire." I think I shall be able to go to Boston to-morrow night, with models. I will telegraph you, or rather I will telegraph Mr. Weld in ample time.

Yours very truly,

Private Sec'y.

Benj. F. Stevens, Esq.,
New England Mutual Life Ins. Co.,
Boston, Mass.

Jan. 28, 1890.

Messrs. Dyer & Seely,

40 Wall St., New York City.

Dear Sirs:-

I enclose herewith memorandum of an invention to cheapen and simplify the extraction of copper pyrites from the worthless gangue with which it is mixed - especially pyrites of iron - patent for which Mr. Edison desires you to make application.

Yours truly,

Private Secretary.

Jan. 28, 1890.

Messrs. Perry & Ryer,

65 Beaver Street, New York City.

Dear Sirs:-

I enclose herewith a communication received this morning from Mr. E. Grosos, Forwarding Agent, Havre, informing me of a shipment made to myself, c/o Merchants Despatch Transportation Co., New York, by Messrs. Weyher & Richemond, Pantin, France.

I presume that this shipment consists of the models referred to in a cablegram which I received from Weyher & Richemond, 18th instant, and of which the following is a copy: "Models 300 horse leave upon Champagne."

The S. S. "La Champagne," I understand arrived in New York yesterday.

If I am correct in my assumption, and the models have arrived, will you kindly have them passed through the Customs as quickly as possible, and forwarded to me at Orange, by express, via the N. Y. and Greenwood Lake Branch of the Erie R. R. ~~most obliging~~

Yours very truly

Jan. 28, 1890.

Messrs. Perry & Ryer,

65 Beaver Street, New York City.

Dear Sirs:-

With reference to your letter of 24th instant, in which you state that you are informed by the Merchants Despatch Transportation Co., that the case per "La Bourgogne" was shipped by D. L. & W. R. R. on January 6th last, I beg to inform you that this shipment has not yet reached the Laboratory. The D. L. & W. R'y. people inform us that they have no record of any such shipment having arrived at Orange. Under these circumstances, I think it would be well to have a tracer sent out at once for these goods.

Yours very truly,

[illegible]

Jan. 28, 1890

Messrs. Baldwin Bros. & Co.,

56 Broadway, New York City.

Dear Sirs:-

Referring further to the matter of 4 casks of cylinders shipped to Mr. Edison from Paris, via S. S. "La Gascogne," about which we have been in correspondence, I beg to enclose you herewith bill of lading for same, endorsed by Mr. Edison to your order, and would ask you to kindly have this shipment passed through the Customs as quickly as possible, and send it by express to Orange, via the Orange branch of the Erie R. R.

Yours very truly,

Private Secretary.

Jan. 28, 1890

H. M. Livor, Esq.,

19 Dey St., New York.

Dear Sir:-

Your letter of 23rd instant, in regard to dimensions of dust concentrators, has been handed me by Mr. Edison. The first time you come out to the Laboratory, be kind enough to see me in regard to this matter, as if I sent you the exact dimensions of the machine as I have it here, it might not suit your plans. The machine itself proper, is complete, but the position of the blower and the feeder you might want to change.

Yours very truly,

Wm. Batchelor

Jan. 28, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Mr. Edison wishes to send in about ten days, three or four dolls to the Emperor of Austria.

Yours truly,

Private Secretary.

Jan. 23, 1890

Messrs. Siemens & Halske,

B e r l i n , Germany.

Dear Sirs:-

I beg to confirm the following cablegrams exchanged between us to-day:-

Edison, Orange, N. J. Wien, Jan. 23, 1890.

The Emperor of Austria ordered us to inquire after nonarrival of the promised puppet with phonograph. Please send telegraphic answer. Siemens Halske.

Siemens Halske, Berlin. Orange, January 23th, 1890.

Will send puppets within ten days. Edison.

Yours truly,

Thos. A. Edison

Jan 28/90

H. J. Betts Esq
Minneapolis
Minn.

Dear Sir: Mr Edison is indebted for your letter 21st inst. calling his attention to the needs of Mrs Wm Dock and her daughter.

I have today addressed a letter to the former at Mr Edison's request

Yours truly
Richard

Letter of C. R. Feeney, [illegible] Secretary

Jan 7/90.

Friend Villard:

Very many thanks for your letter of yesterday enclosing second bulletin in regard to my daughters condition.

Yours very truly
[illegible]

H. Villard Esq
Mills Building
New York

Jan 25/90

Mrs Wm Doak
92 Lexington St
East Boston Mass

Dear Madam:

Through friends in Boston Mr Edison has learned that you have recently moved there from Sarnia with your daughter who has been seeking a position; and thinking that perhaps he could assist the young lady in some way, has

asked me to write you and enquire in what way he may proceed to do so.

I am with much respect

Yours truly

A. D. Gate

Provitchey

Jan 28/90

John Bell Esq
Belleville Ontario

My Dear Sir:

Are there any developments in connection with your investigation of the "Hawkeye" property? Mr Edison would also like to know when you expect to advertise the Consolidation.

Yours truly

Jan. 28, 1890.

Melvil Deewey, Esq.,

New York State Library,

A l b a n y, N. Y.

Dear Sir:-

I have received your letter of 24th instant.

I have been trying for a long time to gather information in regard to the mineral deposits of New York State, and have had a man for two weeks at one time endeavoring to collect reliable data, but I have been unable to obtain anything in the way of even reasonably accurate records. The Geological Report of the State is of no use whatever, and about the same value attaches to such maps as have been issued. Owing to this unfortunate state of affairs, I have been compelled to begin operations in connection with my Ore Milling process in the State of Pennsylvania, whose authorities have had sufficient foresight to have proper surveys and records made pertaining to its geology. To illustrate the value of data such as I seek being available, I may say that I am erecting now in Pennsylvania, three large mills, at a cost of many thousands of dollars, which will, within measurable time, be subjected to an investment of not less than a million dollars or

dollars. It cannot be expected that people who are interested in the development of mineral deposits shall send surveyors through the country to collect data and make records, which manifestly should be prepared by the State Authorities, and placed within reach of everyone. I can only repeat what I have said to you in a former letter, namely, that the Geological Survey of the State of New York, is a disgrace, and that the Authorities of the State will neglect the best interests of the people whom they represent just so long as they fail to have the matter corrected.

Yours very truly,

Otto Ehlers

Jan. 29, 1890

Prof. William D. Marks,

900 Sansom Street, Philadelphia,

P a.

Dear Sir:-

I am much obliged for your letter of 27th instant, returning report as to cost of producing the Edison incandescent light. I have no intention of using the information embodied in this report in any but a confidential way.

Yours very truly,

Alex. E. Brown

Jan. 29, 1900

Mr. John Birkirbine,

Philadelphia, Pa.

Dear Sir:-

With reference to your letter of 24th instant, in regard to Putnam County mre properties, as soon as I can get away I will go up to the mine and survey it. Will you kindly ascertain for me if I can obtain accommodations somewhere near the mine, for a team and driver and two assistants, to stay all night?

Yours truly,

[illegible signature]

Jan. 28, 1890

H. P. McIntosh, Esq., Sec'y. & Treas'r.,

The Canadian Copper Company,

Cleveland, Ohio.

Dear Sir:-

I have your letter of 27th inst., in regard to submitting a proposition for consideration by your Company. Prior to its receipt I had sent a letter upon this subject to Judge Burke. I also saw Mr. Ritchie some eight days ago, when I informed him that I had a proposition all written out, and asked him to send his Lawyer on here, to discuss the different points involved and have the matter closed, since which time I have heard nothing from him. Before forwarding you the proposition, I desire to have Mr. Allien, or some other person, come on to Orange, take the matter in hand and complete it. I have a number of men experimenting on this work, and am anxious to have the matter settled up, so as to warrant my going to further expense in connection with it.

Yours very truly,

[illegible]

Jan. 29, 1890

H.M. Livor, Esq.,

10 Dey Street, New York City.

Dear Sir:-

Mr. Edison is much obliged for your letter of 27th instant, in regard to the Topton Mines, near Topton, Pa., and in reply desires me to inform you that, just as soon as he can, he will send a man to inspect this property.

Yours truly,

Private Sec'y.

Jan. 29, 1890

J. B. Hastings, Esq.,

c/o Edison Gen'l. Electric Company,

44 Wall St., New York.

Dear Sir:-

I beg to acknowledge receipt of check No. 91105, of Messrs. Drexel, Morgan & Co., for £4,865.21, being proceeds of coupons collected by them on the Founders' shares of the Compagnie Continentale Edison, held by you as Trustee, the same having been enclosed with your letter of 27th instant.

Yours very truly,

THE EDISON ELECTRIC LIGHT CO. OF EUROPE, L'td.

by

Sec'y. & Treas'r.

Jan. 29, 1890

Edison Machine Works,

Schenectady, N. Y.

Dear Sirs:-

At Mr. Edison's request, we are sending you to-day, two speaking tubes, which we would like you to braid--one with a cheap braid, and the other with a silk braid, returning the same to us at your earliest convenience, with prices &c.

Yours truly,

Edison Laboratory.

By

Jany. 29

Jan. 29, 1899.

Thomas Butler, Esq.,

44 Wall Street,

New York City.

Dear Sir:-

I enclose herewith checks of The Edison Electric Light Co. of Europe, L't'd., on the Germania Bank, Nos. 17 to 25, both inclusive, made payable to the order of Thomas Butler, or ourselves, amounts blank, for the redemption of coupons due February 1st, 1899. Will you kindly pay these coupons on presentation, and much oblige

Yours truly,

THE EDISON ELECTRIC LIGHT CO. OF EUROPE, L't'd.

by

Treasurer.

Jan. 29, 1890

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

With reference to the attached letter under date 16th December, 1889, received by Mr. Edison from Carlos Monteiro e Souza, of Rio de Janeiro, in which he informs us that the shipment of phonograph material via S. S. "Salembria," of which advise was sent him October 29th last, has not yet reached him, I beg to inform you that notice of the shipment of these goods was forwarded to Carlos Monteiro e Souza in accordance with instructions received from yourselves. Kindly have this matter investigated, and inform us as to the reason why these goods were not shipped as stated, so that we may reply to Mr. Souza's letter, which please return when you have completed your investigation.

Yours very truly,

Private Secretary.

Jan. 29, 1890

G. A. Stuart, Esq.,

Somerset Club,

Boston, Mass.

Dear Sir:-

Mr. Edison has read your letter under date 26th inst., and has asked me to thank you for the same. He will be very much obliged if you can direct him where to obtain a supply of sapphire, a sufficient quantity of which he finds it difficult to secure. He does not want a superior stone.

Mr. Edison appreciates very much the interest which you are taking in the matter, and will be pleased to hear further from you.

Yours very truly,

Private Secretary.

Jan 30th 1890

German National Bank
Newark N. J.

Dear Sir:

I beg to enclose you herewith a check from the Edison Phonograph Toy Manufg Co for $10000.00 and one from the N. J. & N. H. and Hartford R.R. Co for $112.14/100

Please place same to my credit and oblige

Yours truly
Thomas A. Edison

AW 30/90

World –

My associate Wangmann now ~~[illegible]~~ on his way to America promised Emperor Austria some dollars Siemens simply telegraphed me asking hurry letter telegr. Yourman ~~that~~ to never mind who are my enemies but go ahead and do his business. That Siemens is all right

Jan. 30, 90

Daniel Weld, Esq., Sec'y.,
Edison Phonograph Toy M'f'g. Co.,
Boston, Mass.

Dear Sir:-

I have received your telegram of to-day, repeating a cablegram from Mr. Yeomans. I enclose herewith a note addressed to yourself by Mr. Edison. Mr. Yeomans does not understand Mr. Edison's personal relations in Europe, and it would, therefore, be well for him not to attempt to adjust them.

Yours very truly,

Private Secretary.

Jan. 30, 1890

Major S. B. Eaton,

130 Broadway, New York City.

Dear Sir:-

Referring to Col. Gouraud's request that I should send him certain correspondence relating to his order for 1,000 phonographs, as I do not know the Colonel's address I am enclosing these papers to you. Attached you will find (1), letter from Col. Gouraud to Mr. Edison, under date August 26th, 1889; (2), copy of letter from Mr. Edison to Col. Gouraud, under date September 3rd, 1889; (3), letter from Col. Gouraud to Mr. Edison, under date Sept. 7th, 1889; (4) copy of cablegram from Mr. Edison to Col. Gouraud, under date September 10th, 1889. In a letter addressed to Mr. Edison under date June 29th, 1889, Col. Gouraud gave a formal order for 1,000 phonographs, but gave no instructions in regard to their shipment. His letter under date Sept. 7th, confirms his order for 1,000 machines, and is specific in regard to their shipment. I have been unable to find the letter of June 29th, which came during my absence in Europe; and which was handed to Mr. Insull. I have had a search made of Mr. Insull's files in New York, but we cannot find the papers. I think the correspondence

I am now sending you will be sufficient. Will you kindly look it over and let me know.

Yours very truly,

Private Secretary.

Jan. 30, 1890

Edison Phonograph Toy M'f'g. Co.,

95 Milk St., Boston, Mass.

Dear Sirs:-

My assistant, Mr. Wangemann, who has been exhibiting the phonograph recently in Europe, promised, in my behalf, to send to the Emperor of Austria, a Speaking Doll, as a personal gift from myself. I desire to ~~obtain~~ your permission to forward to the Emperor of Austria, through my friends Messrs. Siemens and Halske, in Berlin, half a dozen speaking dolls. Kindly send me formal authority to make this present, and oblige

Yours very truly,

Thos. A. Edison

Jan. 30, 1890

Mr. David S. White,

41 Broadway, New York City.

Dear Sir:-

Mr. Edison has received your letter under date 27th instant. He has already made arrangements for a supply of beryl. This material is not as good as sapphire, as it is not as hard, but Mr. Edison has had so much difficulty in obtaining a supply of sapphire, that he has been obliged to use beryl.

Yours very truly,

Private Secretary.

Jan. 30, 1899

Daniel Weld, Esq., Sec'y.,

Edison Phonograph Toy M'f'g. Co.,

#95 Milk St., Boston, Mass.

Dear Sir:-

Messrs. Dyer & Seely have referred to me your letter to them under date 13th instant, in which you state that with your Company there is no question but that Mr. Edison should bear the entire expense of taking out patents on his inventions. I desire to point out to you that you are entirely in error in holding this belief. Under Mr. Edison's contract with your Company, he has agreed to give you certain of his inventions for a certain period, but nowhere does he agree to bear the expense of taking out patents on these inventions. In fact, never in the history of his business, where he has agreed to give inventions in any particular line, to corporations, has he undertaken to bear the expense of taking out patents. All his Companies take these patents out themselves, and pay for them, and if your Company desires protection of this nature in connection with such inventions as Mr. Edison turns over to you, you must follow the same course. The application in Russia to which you have been corresponding with Mr.

Iyer & Scoly, is an important one, and your Executive Committee should lose no further time in deciding whether or not they will apply for patents.

Yours very truly,

Private Secretary.

Jan. 30, 1900

Major S. B. Eaton,

120 Broadway,

New York City.

Dear Sir:-

I beg to confirm the following telegram sent you to-day:-

"Have been in Boston; only just received your letter regarding contracts; will take the matter up immediately. A. O. T."

Yours truly,

Private Secretary.

Jan. 30, 1890

Messrs. Dyer & Seely,

40 Wall Street,

New York.

Dear Sirs:-

I enclose herewith a description of the Edison-Lalande cell as now made. The alterations which have been made in the details of construction, are not considered important by Mr. Edison. When I spoke to him about this matter, he said that the description contained in the original application was sufficient.

Yours very truly,

Private Secretary.

Jan. 30, 1890

Mr. Thomas Butler, Secretary,

New Jersey & Pennsylvania Concentrating Works,

44 Wall St., New York.

Dear Sir:-

I beg to acknowledge receipt of your Letters to Mr. Edison and myself, under date 28th instant, notifying us that you have been instructed to make a call of $10,000 on the unpaid Stock of the N. J. & Pa. Concentrating Works, in addition to the calls already made for February 3rd and March 3rd, the amounts due on our holdings being $3,300 and $200, respectively, payable 14th proximo.

Yours truly,

Jan. 30, 1890

George E. Holbrook, Esq., President,

New York Telegraph Club,

New York City.

Dear Sir:-

Mr. Edison has received your circular letter under date 23rd instant, in regard to the Annual Reception of your Club, which is to take place 3rd proximo. He desires to subscribe for six tickets of admission to this Reception, and I enclose herewith his check for $6.00, covering cost of same. Kindly acknowledge receipt and oblige

Yours truly,

Private Secretary.

Jan. 30, 1890

My dear Mr. Cormery,-

I have your letter of 29th instant. I shall be very glad indeed to meet Mr. Ceballos if he still desires to have an interview with me. I, however, will not be able to discuss with him the business arrangements in Mexico, for the reason that all such matters must be dealt with by Col. Gouraud. In fact, the cause of my not having made an appointment to meet Mr. Ceballos before this, is that I understood that he desired to discuss certain arrangements which it would have been impossible for me to pass upon unless Col. Gouraud were present. If, however, Mr. Ceballos would like to come out and see me, I shall be very happy, indeed, to make an appointment with him.

In regard to the letter which you suggest I should write to Gov. Hill, I would be very happy to do this for you, but I know that it would handicap you. I am not numbered amongst the friends of the Governor, and I am sure that such communication instead of assisting you would have just the opposite effect.

In regard to communications sent by you to Col. Gouraud from Mexico, several of which passed through this office, I can only

say that they were mailed to the Colonel's proper address in London, and if he did not receive them, it must be because they were mislaid in his own office.

I was laid up for several days with the Grippe, confined to the house, but am happy to say that I have entirely recovered from it.

Yours very sincerely,

Thomas B. Cornery, Esq.,
Richmond Hill, L. I.

Jan. 30, 90

Mr. Thomas Butler,

44 Wall Street,

New York City.

Dear Sir:-

In the memorandum dictated by Mr. Insull before he went to Europe, there is one line which reads: "See Mr. Edison about seeing Mr. Villard re Deutche Bank." What does this refer to? I have spoken to Mr. Edison about it, but he does not understand it. My recollection is, that Mr. Insull wanted to obtain a letter of introduction to the Bank from Mr. Villard. Am I right?

Yours truly,

Private Secretary.

Jan. 31, 1890

Major S. B. Eaton,

120 Broadway,

New York.

Dear Sir:-

In reply to your letter of 30th instant, re Administrator tax, I enclose herewith my check, payable to the order of John G. H. Meyers, Attorney, for $857.30, in payment of amount due with interest, and costs.

Yours very truly,

Thomas L. Shroeg.

Jan. 31,1890

Mr. D. C. Mathoson,

813 Liberty St., Flint,

Mich.

Dear Sir:-

I have received your letter of 27th instant. We have adopted the Edison-Lalande battery for use in connection with the phonoplex, exclusively. The cells on this work have a life of from two to three months. One of our batteries on the Pennsylvania Railroad ran for nearly four months without receiving any attention. Your information in regard to voltage, amperage and internal resistance, is correct. The voltage of the cell is .7 on heavy closed circuit work, and on open circuit work .95. On the phonoplex I think we get about .9v. We can furnish the cells which are used in connection with the phonoplex for $3.00 each, complete, less 25%.

Yours truly,

Electrician.

Jan. 31, 1890

Messrs. James W. Queen & Co.,

924 Chestnut St., Philadelphia,

Pa.

Dear Sirs:-

Replying to your letter under date 29th instant to Mr. Edison, I beg to inform you that the instrument to which you refer is here at the Laboratory, and Mr. Edison will be very glad to let you see it, if you care to do so. It was exhibited by him at Paris in 1881.

Yours truly,

Private Secretary.

Jan. 31, 1890

Col. Geo. E. Gourand,

Little Menlo, Upper Norwood,

Surrey, England.

Dear Sir:-

I beg to confirm the following cablegram received from you 27th instant:-

"Twenty Bichromate 300 zincs 50 carbons 50 sets each Com governor brushes belts governor springs supplies new machinck cable when shipped."

Yours truly,

Jan. 31, 1890

Daniel Weld, Esq., Sec'y.,

The Edison Phono. Toy Mfg. Co.,

95 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram received from you 30th instant:-

"Received this morning Siemens' crowd. Edison's worst enemy. Better send Austria dolls my care. See letters Yoomans. Daniel Weld, Sec'y."

Yours truly,

Private Secretary.

Jan. 31, 1890

Mr. A. MacGruther,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

For the last two months I have made constant application to the Edison Phonograph Works for a list of prices on the essential renewal parts of the latest machines, but up to the present time I have been unable to obtain this information. Mess. Frazar & Co., who are handling our business in China and Japan, keep pressing me all the time to send them over a list of these prices, and all I can say to them is that I in turn applied to the Phonograph Works and they failed to give me the necessary data. It is impossible for Frazar & Co. to do any business unless they are supplied with information of this kind. They require certain parts for renewing the machines which they have out now, and they can't even get approximate prices so as to make invoices out. I am entirely at a loss to understand why there should be so much delay. We have manufactured a sufficient number of these parts up to the present time to enable us to get at this information, and I must ask you to take the

matter up seriously and dispose of it within the next two or three days.

Yours truly,

Private Secretary.

Jan. 31, 1890

Col. Geo. E. Gourand,
Little Menlo, Upper Norwood, Surrey, England.

Dear Sir:-

I beg to confirm the following cablegram received from you to-day:-

"Dozen barrels blanks quick."

Yours truly,

Jan. 31, 1890

F. A. Krupp, Esq.,

Essen, Germany.

My dear Sir:-

I am very much obliged for the photograph of yourself which you were kind enough to send me with your letter of 10th instant, and you will please accept my sincere thanks for the same.

I regret very much the delay which has occurred in furnishing you with a phonograph. My factory informs me, however, that it will certainly be shipped one day next week. I will advise you when it goes forward, and how.

I have not a photograph of myself at the moment which I could sent you, but expect to receive a fresh supply of same very shortly from my Photographer, when I shall be only too pleased to forward you one.

Believe me

Yours very truly,

Thomas A. Edison

Jan. 31, 1890

Mr. W. R. Hanna,

506 Broome Street,

New York City.

Dear Sir:-

Your letter under date 27th instant to Mr. Edison, has been received. We have written to our factory in regard to the tramps, who you state are a constant menace to ladies passing along the line of Mr. Edison's property at Silverlake, instructing them to take steps to have the nuisance abated.

Yours very truly,

Private Secretary.

Jan. 31, 1890

R. Frazer, Esq.,

T r e n t o n, Ont., Canada.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us to-day:-

"Have maps of our water power reached you yet?

R. Frazer."

"All received; many thanks. T. A. Edison."

Yours truly,

Thos A Edison

Jan. 31, 1890

Messrs. Dyer & Seely,

40 Wall St., New York City.

Dear Sirs:-

In reply to your letter of 29th instant, in regard to three applications relating to Phonoplex Telegraph, now standing allowed in the Patent Office, Mr. Edison desires you to have these Patents issued at once.

Yours very truly,

Private Secretary.

Jan. 31, 1890

G e r m a n i a B a n k ,

215 Bowery, New York City.

Dear Sirs:-

I enclose herewith check No. 61,105, of Drexel, Morgan & Co., on the American Exchange National Bank, for $2863.21, made payable to the order of Mr. Frank S. Hastings, and endorsed by the latter to the order of The Edison Electric Light Co. of Europe, L't'd. Please credit our account with the same, and oblige

Yours truly,

THE EDISON ELECTRIC LIGHT CO. OF EUROPE, LIMITED.

by

[illegible]y. & Treasurer.

Jan 31/90

John Verity Esq
31 King St
Covent Garden
London W.C.

My Dear Sir:

I desire to introduce to you Mr. C. L. Edgar, Manager of the Edison Electric Illuminating Co. of Boston Mass. Who goes abroad to look up Central Station practices.

Could you very kindly put him in the way of seeing some of the London installations.

Yours very truly

Thos A Edison

Jan 31/90

Ameri Vernes Esq
Chief Engineer
Compagnie Cont.le Edison
8 Rue Caumartin
Paris

My Dear Sir:

Permit me to introduce to you Mr. C. L. Edgar, Manager of the Edison Electric Illuminating Co. of Boston Mass. who desires to familiarize himself with Central Station practice in Europe, and who will be interested in seeing some of your installations in Paris.

Yours very truly

Thomas A. Edison

Jan 31/90

J. W. Lieb Esq
Edison Electric Light Co
Milan

My dear Sir: Mr. C. L. Edgar, Manager of our Boston Company goes to Europe to see some of the Central Stations which have been installed over there, and will hand you this letter of introduction. His investigations would be incomplete without his seeing your plant in Milan. Yours very truly

Thos A. Edison

Jan 31/90

C. L. Edgerton Esq
Manager
Edison Electric Ill'g Co
Boston, Mass

Dear Sir:

I enclose herewith three letters of introduction — one each for London Paris and Milan, which I hope will assist you in the investigations which you go abroad to pursue.

Yours very truly

Thos A Edison

Jany 30/90

Edison Phonograph Company.
London
England
Dear Sirs

I shipped to you Jany 28th 1890 via Wells, Fargo & Co Express 1 package containing the following material viz:-

50 sets Comm. Brushes.
50 " Gov. "
50 Gov. Springs
50 Main Belts
50 Gov. "

Express receipt covering above enclosed

Yours truly
Thos. A. Edison

Letterbook, LB-037

This letterbook covers the period January-February 1890. Most of the correspondence is by Edison and Alfred O. Tate. Many of the documents relate to the manufacture and marketing of the phonograph and talking doll. Included are letters about the coin-operated phonograph, a set of directions for using the Edison water-motor phonograph, and a phonograph test report. There is also correspondence pertaining to ore milling and the purchase of mining properties. Other letters concern Edison's personal and business finances and his trip to North Carolina. In addition, there is a 3-page letter containing a subject-classification list for the filing of Edison's incoming correspondence. The front cover is labeled "Indexed T. A. Edison General Letter Book. Laboratory." The book contains 497 numbered pages and an index. Approximately 40 percent of the book has been filmed.

Jan. 31, 1899

Edison Spanish Colonial Light Co.,

71 Broadway, Room 33, New York City.

Dear Sirs:-

Hereby I beg to resign my positions as a Director in your Company, and as President of the same, to take effect immediately. I shall be glad if you can elect my Private Secretary, Mr. Alfred O. Tate, in my place as a Director, and make such selection for the office of President as you may deem desirable.

Yours very truly,

[signature]

Jan. 31, 90

Mr. A. MacGruthar,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

I desire to call your attention to the Fifth Section of contract between Mr. Edison and the Edison Phonograph Toy Mfg. Co., under date August 6th, 1889, in regard to the manufacture of movements for speaking dolls. A portion of this Section reads: "Within one calendar month from the date of this instrument the first party (Toy Phono. Co.) shall give to the second party its firm order for the delivery of 500 toy phonograph mechanisms, per diem, exclusive of Sundays and legal holidays, the said order to continue in force for a period of not less than three months from the date of the beginning of delivery thereunder."

As I understand it, we have now commenced to make delivery of movements, and what I desire particularly to bring to your attention, is the fact that if we start at only 100 movements per day and run through the period of three months at higher that number or an increase less than 500, we will have to run one all the day

of the three months between eight and twelve or fifteen thousand movements. If we run up to our full capacity, that is to the full extent of the order which has been given to us, we can turn out in the same period, 40,000 movements. It is, therefore, desirable that the output of these movements should be increased as rapidly as possible until the limit of 500 per day is reached.

Yours truly,

Private Secretary.

Send me a copy of that letter written by Mr Insull and spreading deliveries of phonographs over a period longer than originally contemplated. I think we may be able to work the same thing with the Jay people — and save ourselves.

Jan. 31, 1890

A. Arango, Esq., Treas'r. & Gen'l. Manager,
Edison Spanish Colonial Light Company,
71 Broadway, Room 33, New York City.

Dear Sir:-

I have your letter of 30th instant. I was very sorry to have been unable to call on you on Wednesday last. On Tuesday night I was obliged to go to Boston very unexpectedly, and omitted sending you word to the effect that I would be unable to see you the next day.

In regard to a Board of Directors for the Spanish Colonial Company, I was about to address a communication to the Board from Mr. Edison, stating that he did not desire to continue in office as a Director or as an Officer, and requesting the Board to elect me to serve in his place. This communication will go forward to-day, and it will, therefore, be necessary to find some one whose name can be inserted in place of Mr. Stone, who has indicated his wish to retire. Mr. Edison and myself will be very glad to see you any time you can come to the Laboratory.

Yours very truly,

Private Sec'y.

Jan 31/90

Major J. B. Eaton
160 Broadway
New York

Dear Sir: Referring to the second Section of agreement Thomas A. Edison with Edison Phono Toy Mfg Co under date Aug 6th/89 which provides for a minimum royalty of $10,000 per year from October 1st/89 to be paid to me quarterly; also referring to the second section of agreement between North Am. Phonograph Co. and Edison Phono. Toy Mfg Co

Same date as former, providing for minimum royalty of like amount to be paid in same manner to the N.A.P.Co: owing to delays which have occurred in making deliveries of Joy phonographs movements from our factory, through which the Joy Co. were unable to take advantage of the trade of last Christmas, Mr Lippincott on behalf of the N.A.P.Co, and myself have agreed to extend the date from which royalties shall begin from October 1st 1889 to January 1st 1890, making the first quarter expire on April 1st/90

Will you please have prepared such papers as may be necessary to properly record this arrangement, obliging

Yours very truly

Thos. A. Edison

Jan 31/90

Thomas Hubbard Esq
44 Wall St
New York

Dear Sir:

Referring to Mr. Edison's proposed absence from Feb 6th to March 23rd, a period of 6 weeks, and to our requirements financially during this time I estimate as follows:

Pay Rolls	10,500.
Notes & Employees	1,000.
Open Acts	10,000
	$21,500

Yours truly
Edison

Jan. 31, 1890

Mr. Max Gruthar,

Will you kindly send me over prices for plain and musical cylinders. Messrs. Frazar & Co. are anxious that I should quote them prices for these, as they want to make shipment to China.

[illegible]

Jan. 31, 1890

Mr. W. E. Mallory,

No. 7 West Randolph Street,

Chicago, Ills.

Dear Sir:-

I have your letter of 28th instant. We are putting the ships on the magnet now, and will be able to give you the information you desire in a very few days.

In regard to options, my idea is that you should secure those only on such properties as can be worked as open cut and thus economically mined. I do not think that there is any use in obtaining options on properties where shaft mining is required. What we want are very wide veins for open cuts.

Yours very truly,

Chas. N. Stetson

Feb. 1, 1890

Mr. [illegible] Farmer, Esq.,

[illegible] Water Street, New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter under date 30th ultimo, in regard to shipments, and regret exceedingly the confusion which has occurred in forwarding proper invoices and receipts. I will see that all your wishes in regard to the form in which invoices should be sent you, and in regard to obtaining receipts with despatch when shipments are made, are carried out to the letter in future.

Yours very truly,

Private Secretary.

Feb, 1, 1890.

Mr. I. R. Gordon, C. E.,

277 Church Street,

Toronto, Canada.

Dear Sir:-

Mr. Edison has received your letter of 24th ultimo, and in reply desires me to say that he has an apparatus which will locate certain qualities of ore in veins. It, however, depends upon the quality of the ore. If Mr. Edison could get an undecomposed piece of the outcrop somewhere along the suspected vein, he might be able to tell you if he could locate it with the apparatus referred to above. Mr. Edison thinks that the statement contained in the newspaper clipping enclosed with your letter under reply, is untrue, from his knowledge of the ranges in the places mentioned.

Yours truly,

Private Secretary.

Feb. 1, 1890

Messrs. Dyer & Seely,

New York City.

Dear Sirs:-

Mr. Edison has received your letter of 31st ultimo, relative to his application for a patent on utilizing a continuous current dynamo in an alternating circuit, which application, you state, was placed in interference with another party and interference decided against Mr. Edison. The latter notes that you have informed the United Co. he has no patent on this matter, although he has an application pending in the Patent Office.

Yours truly,

Feb. 1, 1890

Mr. John Kirkpatrick,

Philadelphia, Pa.

Dear Sir:-

Mr. Edison is much obliged for your letter of 31st ult. Two of his men are now at the mine, and I believe have secured accommodations.

Yours truly,

Private Secretary.

Feb. 1, 1890.

Everett Delano, Esq.,

[illegible] Water St., New York City.

Dear Sir:-

In further reference to your letter of 30th ultimo, in regard to nonreceipt of the steamer "Glengyle's" receipt, covering one box to Yokohama and one to Shanghai, we are informed by the Wells Fargo Express people that these receipts were turned over to you by their Jersey City office. Is this so? I have looked over the bills rendered you for each shipment from here, and in regard to your statement that each bill should state clearly the marks, numbers and contents of the packages, I find that all this information has been given to you on the bills which left the Laboratory. I am having triplicate bills sent to you for dates January 22nd, 25th and 27th. Referring to our bill of January 22nd we first sent you a memorandum of 8 cells, 300 ampere hour battery and 2 battery boxes. We afterwards sent you a bill for these amounting to $23.40. I will write you again in the afternoon, in regard to your order 13th ultimo, for a [illegible] of cylinders for Yokohama, and in regard to net prices of plain and nickel

Wilmington,

Yours very truly,

Private Secretary.

Feb. 1, 1890

Messrs. Dyer & Seely,

40 Wall St.,

New York City.

Dear Sirs:-

Mr. Edison has received your letter of 30th ultimo, enclosing copy of the statement which you have made to the Patent Office in relation to his Case No. 599. He says that he will try the experiment at as early a day as possible.

Yours very truly,

Private Secretary.

Feb. 1, 1890

Mr. W. L. Matthews,

Scranton, Pa.

Dear Sir:-

Mr. Edison has received your letter of 25th ult.,
He suggests that you try the Wenstrom Machine, and if this fails,
he thinks he can design a machine that will do the business.

Yours truly,

Private Secretary.

Feb. 1, 1890

Henry Villard, Esq.,

No. 7 East 72nd Street,

New York City.

F r i e n d V i l l a r d ,-

I have your note 28th ultimo. In regard to your treatment, I have had to send men out to make a survey, which they will complete in the course of a few days.

Yours very truly,

Thos A. Edison

Feb. 1, 1890

Canadian Copper Co.,

Cleveland, Ohio.

Dear Sirs:-

I beg to confirm the following telegrams exchanged between us to-day:-

"Our Board would like preliminary copy of contract to consider at Board meeting next Monday. Can we have it? Canadian Copper Co."

"Would much prefer some one come on and help me work out the copy. This will save future delay. I go away to visit some mines next Thursday for two weeks. T. A. Edison."

Yours truly,

Feb. 1, 1890.

Gustave Stromberg, Esq.,

Westman Furnace Co., 33 Broad St.,

New York City.

Dear Sir:-

I beg to confirm the following telegrams received from you:-

N. Y. January 31, 1890.

"Important meeting in Senator Jones' room at Hoffman House to-morrow twelve noon. Kindly attend and telegraph. Stromberg."

Feb. 1, 1890.

"Cannot get a quorum before two o'clock. Will expect you then. Stromberg."

Yours truly,

NOTE. Mr. Tate has not seen the second of the above telegrams, he having left Orange before its receipt.

Feb. 3, 1900

~~Enquiry~~

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

Will you please have packed at once, ready for shipment, a barrel of cylinders for Yokohama, a/c of Frazar & Co. Shipping instructions for this barrel will be sent you very shortly. Will you kindly let me know at once, the weight of this barrel. Mr. Frazar wants this information, and I am anxious to send it to him.

Yours truly,

C. Frazer

Private Secretary.

EDISON LAMP COMPANY,

Harrison, N. J., February 1, 1890.

Thomas A. Edison, Esq.,

Orange, N. J.

Dear Sir:-

I beg to advise you that at a meeting of the stockholders of this Company, held at the Laboratory of Mr. Thomas A. Edison, on Tuesday 28th day of January, 1890, you were duly elected a Director to serve for the ensuing year. Please signify your willingness to serve as indicated above.

Yours truly,

Secretary.

Feb. 3, 1890.

My dear Hartzell,-

I am satisfied the Gilbert mine business is a failure. I have placed the whole thing in the hands of Mr. Gilday and have ordered the mill to shut down. He will talk to you about the mine. I shall not pay for any further mining. I make the following proposition, which must be accepted or declined promptly: I will purchase a Diamond Drill and prospect the mine until it is proved there is a sufficient quantity of ore of proper quality to supply the mill successfully or there is not. If not, we pull out. If there is and we go on, we pay you back all the money you have expended and take the whole property.

Yours truly,

NEW JERSEY & PENNSYLVANIA CONCENTRATING WORKS

by

President.

Feb. 3, 1890

My dear Mr. Grioss,-

I have concluded to shut down the Gilberg and Gilbert mines, as well as the mill, and have put everything in the hands of Mr. Gilday, who will now take charge. Any balance due you for past services will be paid on presentation of your bill in New York.

Yours truly,

NEW JERSEY & PENNSYLVANIA CONCENTRATING WORKS

b y

Thos A Edison

President.

Feb 1/80

E. H. Lewis Esq
120 Broadway
New York

My dear Sir:

In regard to the speaking doll sent to your office today we think it desirable that this should be returned by you so that you may familiarize yourself with its construction &c in case we should require further interpretation of the contract referred to in our letter of even date relating to manufacture.

Yours very truly [illegible]

[illegible]

Feb 2/90

Mess. Eaton & Lewis
120 Broadway
New York

Dear Sirs: Referring to the Second Section of Contract between Thomas A. Edison and the Edison Phono. Toy Mfg. Co. under date Aug. 6/89 which provides that royalties shall only be paid "on said inventions or "improvements themselves, that is "to say the whole of the mechanism "of the phonographic part and "of the accessories to adapt "it to the doll or toy "figure", will you please

advise me if the body, which is manufactured by me, should be considered as an accessory necessary to adapt the mouvement (or phonograph) which it contains to the rest of the toy, and therefore subject to a charge for royalty.

In order to facilitate your understanding of this matter I am sending you by bearer a speaking doll.

Yours truly

A. Edison

M. Secq

Feb. 8th 1890.

S. B. Eaton, Esq.
120 Broadway,
New York City.

Dear Sir,-

Referring to your letter to Mr. Edison under date 1st instant, re Phonograph Agreements, I telephoned to your office this morning that Mr. Edison would attend the meeting of the Directors of the Edison Phono. Wks, at Mr. Cutting's office in New York, tomorrow, Tuesday afternoon at three o'clock. I am issuing formal notices for the Directors.

I also informed you by telephone that we could obtain a quorum of the Edison Phono. Co. Directors after Mr. Edison

S. B. C.
2

goes away. Mr. Batchelor, Mr. Randolph and myself are a majority of the Directors.

Yours very truly,

J. Offutt

Private Secy.

Feb. 3, 1890

H. P. McIntosh, Esq., Sec'y.,

The Canadian Copper Company,

109 Superior St., Cleveland, Ohio.

Dear Sir:-

I beg to confirm the following telegram sent you to-day:-

" Why cannot you come alone. We can then work it out roughly at my house Thursday evening, and you can return with it and get it into final shape. This will allow me to attend to my other work, which is now very pressing. Edison."

Yours truly,

Jno. Randolph

Feb. 3, 1890

A. Arango, Esq.,

Room 33, No. 71 Broadway,

New York City.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"Hoped to have been able to call on you to-day but find cannot do so. Will be in your office about twelve to-morrow. A. O. Tate."

Yours truly,

Private Secretary.

Feb. 3, 1890

Edison Electric Illuminating Co.,

S u n b u r y, P a.

Dear Sirs:-

I beg to confirm the following telegram sent you to-day:-

"How much stock do I hold in your Company as per your books. T. A. Edison."

Yours truly,

T. A. Edison

Edison Phonograph Wks.
Orange, N. J.

Filed 90.

Dear Sirs.

I enclose herewith statement showing result of test made on phonograph sent to the Laboratory, January 24th 1890.

Yours truly

Thirnte Bros.

The following is result of test made on PHONOGRAPH which was sent to the LABORATORY January 29th, 1890, by request of Mr. Edison:-

Height of water fall.	Speed of Phonograph turning off.	Time in Minutes	Amount of water.
City Pressure.	125	5 Minutes	1 Gallon
12 ft., 9 in.	80	3 "	1 "
29 ft., 10 in.	125	3 "	1 "
38 ft., 2 in.	125	3 3/4 min.	1 "

Feb. 3, 1890

A. B. Dick Company,

152 - 154 Lake Street,

Chicago, Ills.

Dear Sirs:-

I beg to acknowledge receipt of your letter under date 31st ultimo, relating to the New Edison Mimeograph Co., which has been advertised in New York, and note that it is unnecessary for me to take any further action in the matter.

Have you as yet executed the agreements, covering your license to manufacture Mimeographs for shipment abroad, which were forwarded to you several weeks ago?

Yours very truly,

Private Secretary.

Feb. 3, 1890.

Gustave Stromberg, Esq.,

Westman Furnace Company,

33 Broad St., New York City.

Dear Sir:-

Your telegram to me of Saturday, stating that a quorum could not be had before two o'clock, came during my absence. I was at the Hoffman House at twelve o'clock, and waited there until nearly one, but no one turning up, I thought the matter had been dropped. I met Mr. Harris down town afterwards, and told him where I had been. I hope that you were able to obtain a quorum without my presence.

Yours truly,

Feb. 3, 1890

Everett Frazar, Esq.,

124 Water St., New York City.

Dear Sir:-

I beg to make you the following quotations for musical and plain cylinders: The price for Band Records will be to you $1.20 each. For all other kinds of Musical Records, the price will be 90 cents each. For plain cylinders the price will be 9 cents each. These quotations are net.

In regard to packing, we charge 75 cents per barrel for packing plain cylinders, and we also make a charge for packing musical cylinders, which depends upon the number of the latter which are being sent out.

Yours very truly,

Private Secretary.

Feb. 4, 1890

Messrs. Dyer & Seely,

40 Wall Street, New York City.

Dear Sirs:-

I am in receipt of a letter from the Edison Phonograph Toy Mfg. Co., under date 31st ultimo, of which the following is an extract:

"The Executive Committee would be pleased to have Messrs. Dyer & Seely send them specifications of patents of Mr. Edison's new inventions, and they will then decide as to whether they wish to have foreign patents for them or not."

Yours truly,

Private Secretary.

Feb. 4, 1890

Mr. Randolph,-

The following is copy of a letter addressed by me to Mr. Frazar, under date Feb. 3, 1890, quoting prices for Musical and Plain cylinders:-

"Dear Sir:- I beg to make you the following quotations "for Musical and Plain cylinders: The price for Band re- "cords will be to you $1.20 each. For all other kinds of "Musical records, the price will be 90 cents each. For "plain cylinders the price will be 9 cents each. These "quotations are net.

"In regard to packing, we charge 75 cents per barrel "for packing plain cylinders, and we also make a charge for "packing musical cylinders, which depends upon the number "of the latter which are being sent out. (Signed) A. O. Tate."

Yours truly,

Private Secretary.

Feb. 3, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

I beg to call your attention to the Second Section of Agreement between Thomas A. Edison and the Edison Phono. Toy Mfg. Co., under date August 6th, 1889. In this Section it is provided that royalties shall be paid on the inventions or improvements themselves--that is to say, the whole of the mechanism of the phonographic part, and of the accessories to adapt it to the doll or toy figure. This Section also provides that ~~the~~ Royalty is not to be paid on any part or parts of dolls or toy figures used in connection or association with the said inventions or improvements. It will be seen from this that Royalties are not to be based upon costs of the body, and, therefore, in keeping a record of these costs, it will be necessary that the body and the phonographic mechanism be recorded separately.

Yours truly,

A. O. Tate

Private Secretary.

Feb. 4, 1890.

Daniel Weld, Esq., Sec'y.,
Edison Phono. Toy Mfg. Company,
#05 Milk St., Boston, Mass.

My dear Mr. Weld,-

The young lady who writes this letter, is a connection of Mr. Edison. She is living in Boston with her mother, and is looking for employment. I have thought that, perhaps, now or at some time in the near future, you might require such service as she is capable of rendering, in your office in connection with the Dolls. Mr. Edison will be very much obliged if you are able to assist her in obtaining a position. Kindly return her letter to me.

Yours very truly,

Private Secretary.

Feb. 4, 1890

Major S. B. Eaton,

120 Broadway, New York City.

Dear Sir:-

The Western Electric Co. of Chicago, has sent to Mr. Edison a check for $333.44, amount of royalties which they state are due Mr. Edison on sales of Electric Pen, from April 1st, 1886, to December 1st, 1889. I cannot understand, neither can Mr. Edison, why an accounting should be made by them in this way. If royalties were due under any agreement, it seems that they ought to have been paid at the end of much shorter periods than this. Before accepting the check, Mr. Edison desires to ascertain the status of his relations in regard to Electric Pen.

All papers in connection with this matter were turned over to Mr. Tomlinson on or about the 1st day of July, 1888, and so far as we are aware, are in his hands at the present time. He will doubtless give them to you if you ask him for them.

Yours very truly,

Private Secretary.

Feb. 4, 1890.

Mr. W. M. Burrows,

18 Broadway, New York City.

Dear Sir:-

I have your letter of 1st instant, enclosing a bill from the Compagnie Generale Transatlantique for $19.23, for which amount I have forwarded them a check to-day. I wrote to the manufacturers of the engine in regard to the ocean freight contract and the excessive charges, and also in regard to their sending us Consular invoices for all shipments, so that your Bond in the Custom House may be released, all of which I expect to receive from them in the course of a week or so.

Yours very truly,

Private Secretary.

Feb. 4, 1890.

Mr. B. F. Gildny,

Bechtelsville, Pa.

D e a r S i r :-

On and after the receipt of this letter, you will please not permit any person to visit the Bechtelsville Mill unless they carry an order bearing my personal signature. The signature of any other Officer of the Company will not be valid.

Yours truly,

Feb. 4, 1890

Everett Frazar, Esq.,

124 Water Street, New York City.

Dear Sir:-

The barrel of cylinders for Yokohama mentioned in your letter of 30th ultimo, was delivered to you at your office #124 Water St., New York, on Monday last, in accordance with your instructions. The weight of this barrel is 57 lbs.

Yours truly,

Private Secretary.

Feb. 4, 1890.

Daniel Weld, Esq., Sec'y.,

Edison Phonograph Toy Mfg. Co.,

B o s t o n, Mass.

Dear Sir:-

I have received your letter of 27th instant, enclosing copy of a communication from Mr. D. M. Yeomans, dated at Berlin, January 14th, in which Mr. Yeomans states that he does not desire to apply to Col. Gourand for information relative to Mr. Edison's foreign patents.

Before Mr. Yeomans left America, I explained to him personally that all these patents had been taken out by Col. Gourand, and that it would be necessary for him to apply to the latter for information pertaining to them, as all the records are in Col. Gourand's office in London. If we had had copies here that could have been handed to Mr. Yeomans, we would have given them to him before he went away. I gave him everything possible in the shape of evidence relating to patents, in the shape of a complete set of Mr. Edison's American patents, which embody claims similar to those covered by the foreign grants.

I enclose herewith a letter to Mr. J. Lewis Young, Manager of Edison's Phonograph Company, Northumberland Avenue, London.

D. W.

Feb. 4, 1890

If Mr. Yeomans will present this letter, or write to Mr. Young, giving the latter his address, he will obtain what information he requires.

Mr. Yeomans has been misinformed in Berlin, in regard to Col. Gouraud's efforts to merchandize the phonograph, which was never hawked about Europe, as he states. In fact, the complaint made against Gouraud by people abroad, is that he kept it too exclusively to himself.

Yours very truly,

Private Secretary.

Feb. 4, 1890

J. Lewis Young, Esq., Manager,

Edison's Phonograph Co., Edison House "B,"

Northumberland Ave., London W. C., England.

Dear Sir:-

Mr. D. M. Yeomans, who will present this letter to you, is in Europe conducting certain negotiations in behalf of the Edison Phonograph Toy Manufacturing Company of Boston, a corporation in which I am interested. Mr. Yeomans desires to obtain certain information in regard to patents which have been issued abroad on my inventions pertaining to the phonograph, and I desire to give him facilities for doing so. As Col. Gourcud is absent from London, I address this communication to you, with the request that you furnish Mr. Yeomans with every facility for obtaining such data as he may require, the particulars of which he, himself, will explain.

Yours very truly,

Feb. 4, 1890

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

I enclose herewith a letter received from Mr. Edgar S. Allion, General Manager, the Edison Phonograph Toy Mfg. Co., Boston, under date Feb. 3, 1890, informing Mr. Edison that the MODEL DOLLS taken by him (Allion) to Boston on Wednesday last have been approved and accepted by the Board of Directors of the Toy Co. Please file this carefully in your safe.

Yours truly,

Private Secretary.

Feb. 4, 1890

H. P. McIntosh, Esq., Sec'y,,

The Canadian Copper Company,

Cleveland, Ohio.

Dear Sir:-

Mr. Bell has received your letter of 31st ultimo, in which you quote an extract from your letter of 27th December last, asking if his experiments up to that time would justify him in saying that he could expect to be able to carry out a certain proposition on the 1st of April next, and he desires me to inform you that it was his intention that the period of three months which is involved, should commence from the time that a formal agreement had been entered into between himself and your people. At the present time he is simply doing certain preliminary work previous to the expenditure of a large sum of money which would be required after such an agreement as I have mentioned were executed.

Yours very truly,

[illegible], C.

Private Secretary.

Feb. 4, 1890

J. J. Calahan, Esq.,

107 Broadway, New York City.

Dear Sir:-

Mr. Edison has received your recent letter, in regard to the unfortunate accident through which Mr. Walter V. Morgan lost his life, and regrets exceedingly that he does not see his way clear to do anything with Mr. Husbands, of Valparaiso. We have no representative in Valparaiso, and there is no one through whom Mr. Edison can take the matter up. At the request of the latter I enclose here-with Ten Dollars, which he will be glad to have you add to the Subscription which is being taken up for the benefit of Mr. Morgan's family.

Yours very truly,

Private Secretary.

Feb. 5, 1890

My dear Mr. Wetzler, -

I received your letter of 1st instant, and have shown it to Mr. Edison, who remembers very well the kind way in which Mr. Kareis treated him in the columns of the "Vienna Neu Frie Presse." Mr. Edison will write Mr. Kareis a letter which will set at rest any fears the latter may have of his intentions being misunderstood.

Yours very truly,

Private Secretary.

Joseph Wetzler, Esq.,

Electrical World,

New York City.

Feb. 5, 1890.

John S. Wise, Esq.,

c/o Sprague Electric R'y. & Motor Co.,

10 Broad St., New York City.

Dear Sir:-

I beg to confirm the following telegram sent you this morning in reply to your telephone inquiry of yesterday:-

"Will be in Richmond 11th instant. T. A. E."

Yours truly,

Thos. A. Edison

Nov 6th 1870

Lenox National Bank
Newark N. J.

Dear Sir:

I beg to enclose you herewith, two checks from the Western Union Telegraph Co amounting to $1083.33

Please place same to my credit and oblige

Yours truly

[illegible]

Feb. 6, 1890

Messrs. Winslow, Lanier & Co.,

New York City.

Dear Sirs:-

I want to get possession for a few days the insurance maps of Buffalo. Mr. Adams got them from an Insurance Company, and they were returned before we were completely through with them.

Yours very truly,

Thomas A. Edison

Mr Parker Mr Adams Niagara Engr Knowles & Gault others

E

Feb. 6, 1900.

E. R. Weeks, Esq.,

Kansas City, Mo.

Dear Sir:-

I beg to confirm the following telegram sent you this morning, in reply to yours of 3rd instant, reading "What may I expect regarding phonogram; see my letter Jan. 20th."

"I cannot discuss the subject first suggested, but am sending you a phonogram. T. A. E."

Yours very truly,

Elbert Hubbard

Feb. 6, 1890.

S. S. Laws, Esq.,

Centropolis Hotel,

Kansas City, Mo.

D e a r S i r :-

I beg to confirm the following telegrams exchanged between us yesterday:-

"I am living at the Centropolis Hotel here. Will you be my guest during the Electric Light Convention next week? Mrs. Laws wants you to bring your family. Please answer. S. S. Laws."

"Very many thanks for your kind invitation, which I am unable to accept owing to my inability to attend the Convention. T. A. Edison."

Yours very truly,

Thos. A. Edison

Feb. 6, 1890

Messrs. Dyer & Seely,

40 Wall St., New York.

Dear Sirs:-

I beg to acknowledge receipt of your letter of 3rd instant, enclosing Swedish Patents Nos. 2148 and 2156, granted upon Mr. Edison's Ore Milling apparatus; also the receipt for 2nd annuity on the German Ore Milling patent.

I have handed the application (Case No.851) on process of extracting copper pyrites, which was also included with your letter under reply, to Mr. Edison, and when the papers are completed, shall return them to you.

Yours very truly,

A.O. Tate

Private Secretary.

Feb. 7, 1890.

Mr. Daniel Weld, Sec'y.,

Edison Phono. Toy M'f'g. Co.,

96 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you to-day:-

"Am returning you to-day your receipt for ten thousand dollars advance payment against deliveries which has been signed by Mr. Edison."

Yours truly,

Private Secretary.

Feb. 7, 1890.

Mr. P. F. Clinton,

Pochtellsville, Pa.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"If the Diamond Drill Company have a drill on hand, you can pay fifteen hundred and get it at once. T. A. M."

Yours truly,

Feb. 7, 1890

Daniel Weld, Esq., Sec'y.,

Edison Phonograph Toy M'f'g. Co.,

95 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"Regret I cannot attend to-day's meeting. Mr. Edison and myself will approve any action the Board may take relative to Mr. Hutchinson's power of attorney. A. O. Tate."

Yours truly,

Private Sec'y.

Feb. 7, 1890

Edward D. Adams, Esq.,

Care Glyns, London,

England.

Dear Sir:-

I beg to confirm the following cablegram sent you to-day:-

"You misapprehend nickel steel English invention of James Riley, Glasgow. I control output Sudbury mines, Canada; largest world. Edison."

Yours truly,

Thos A Edison

Feb. 7, 1890.

Everett Frazar, Esq.,

124 Water Street,

New York City.

Dear Sir:-

I have received your letter of 31st ultimo, in which you state, in reference to the sale of phonographs in China and Japan: "We understand that we simply hold from you the exclusive "right for the introduction and sale of same into those countries." My letter of January 25th last appears to me to be very clear upon this matter of exclusive rights, and I beg to call your attention to the second paragraph of the same, where I specifically state the only terms upon which I would be justified in giving exclusive rights to any one.

On page 2 of the same letter I explain to you my understanding of our relations, viz., that we are not dealing in "rights," but in phonographs; that our arrangement is purely a commercial one; or, in other words, you buy a phonograph from me and sell it in China or Japan, in the same way as you might buy a bale of cotton or a hogshead of sugar in this market and ship it for ultimate sale in the markets of the above countries. You would not buy

more sugar or cotton than you felt sure of being able to sell, and when I told you in my letter previously referred to that I did not desire to sell phonographs to your firms, but to the public, I meant that I exact no guarantees from you as to sales, but am content with the demands of the ultimate markets---those of China and Japan. I believe that through your connection you can reflect the requirements of these markets better than they can be reflected through any other medium. Otherwise I would not have chosen you to handle the business, and so long as I am at liberty to exercise my personal discretion and continue selling phonographs in the way we have commenced, I have not the least doubt in my own mind that your efforts will fully merit a continuance of the confidence which I now place in yourself and your firms, and which you are fully entitled to by the record you have made in the past in conducting business with which I have been more or less identified .

Yours very truly,

Feb. 7, 1890.

J. Hutchinson, Esq.,

Messrs. Bergmann & Co.,

New York City.

My dear Sir:-

I have your letter of 4th instant, enclosing bill against the Laboratory for $1,342.79. I would be very happy, indeed, to send you a check for this amount by return mail, were it not for the fact that a few days ago we sent you a bill for Motor Experiment, already accepted by Mr. Insull on behalf of your Company, for $1363.87. You need not send me a check for the difference; we will let it run on open account.

Yours very truly,

Private Secretary.

Feb. 7, 1890.

Daniel Weld, Esq., Secretary,

Edison Phonograph Toy M'f'g. Company,

No. 95 Milk St., Boston, Mass.

Dear Sir:-

In accordance with my telegram of this morning (confirmed elsewhere), I enclose herewith Mr. Edison's receipt, dated at Orange January 30th, 1890, for advance payment of Ten Thousand Dollars paid to him by your Company against future deliveries of talking dolls.

Yours truly,

Private Secretary.

C o p y.

R E C E I V E D of the Edison Phonograph Toy Manufacturing Company, Ten Thousand Dollars, as payment in advance for talking dolls completed and ready for the market, and according to standard models submitted to said Company, January 29th, 1890, to be delivered by me to said Company under my contract with said Company dated August 6th, 1889. And in consideration of such payment I hereby agree that, in case I have not delivered to said Company on or before the first day of May, 1890, Five Thousand such dolls, completed and ready for the market and according to models as aforesaid, I will on such last mentioned date repay to said Company in Boston said sum of Ten Thousand Dollars less only such amounts as may then be due and payable to me under said contract for so many of said dolls as have been actually delivered by me to said Company and by it accepted.

Dated at Orange N. J. January 30th, 1890.

(Signed) THOMAS A. EDISON.

Feb. 7, 1890.

Thomas Butler, Esq.,

44 Wall St., New York City.

Dear Sir:-

With reference to your letter of 4th instant, in regard to the requirements of the Phonograph Works during the next six weeks, which you estimate at $37,000, I beg to advise you that I have in our safe here at the Laboratory, 13 Phono. Works notes for $5,000 each, aggregating $65,000, which with the five notes of $5,000 each already in your possession, will cover the amount stated in your letter. These 13 notes are countersigned and endorsed by Mr. Edison, and are to cover the period of Mr. Edison's absence. You can call for these as you want them.

Yours truly,

Private Secretary.

Feb. 7, 1890

Mr. N. M. Lavor,

19 Dey St., New York.

Dear Sir:-

Referring to the attached letter from Mr. Wm. G. Rowe, Mr. Edison does not remember the circumstances attending the "Big Place" deposit, or how it was brought to his attention. The matter had better be renewed, and you ought to have some samples of the ore sent on here for test.

Yours truly,

Private Secretary.

Feb. 7, 1890

Messrs. Dyer & Seely,

New York City.

Dear Sirs:-

Referring to letter of your Mr. H. W. Seely, under date 3rd instant, in regard to the description which I sent you of the new Edison-Lalande cell, I beg to advise you that the caustic potash sticks, while being wrapped with paraffine paper are not now placed in the solution with the paraffine paper around them. It was originally contemplated that they would be placed in the solution with the paper around them so that they could dissolve slowly, but we find that it is better to take the paper off and let them dissolve at once, as it does not break the jars. Therefore, the claim which you intended to make in the Patent Office will now be unnecessary.

Yours truly,

Private Secretary.

Feb. 7, 1899.

F. R. Shaw, Esq.,

Edison Electric Illuminating Co.,

Sunbury, Pa.

Dear Sir:-

Will you kindly examine the records of the Sunbury Company, and inform me in whose name Stock Certificates Nos. 38, 46,47,51 & 78, stand, obliging

Yours very truly,

Feb. 7, 1890.

Edwin R. Weeks, Esq., General Manager,
Edison Electric Light and Power Company,
Kansas City, Mo.

My dear Mr. Weeks,-

When I had the pleasure of meeting you at my laboratory in December last, I suggested that I should send to the Kansas City Convention, which commences next week, a phonograph discussion upon the subject of my five wire system of distribution, which you were good enough to assure me would prove of interest to the delegates, and ever since that time I have been trying to find an opportunity to prepare the data.

My failure to do so has been through no fault of yours, as your letters have constantly kept the matter before me, nor has it been through want of inclination on my part that I am obliged to substitute this explanation.

Certain urgent matters of business which I was unable to anticipate have occupied my attention to such an extent that I have even had to neglect the important work of my experiments.

While I could not have contributed to the success of the Convention, which is already assured through its location in your enterprising City, I regret that I am unable to send something which would at least be more interesting than this apology.

Yours very truly,

Feb. 7, 1890.

Everett Frazar, Esq.,

144 Water Street, New York City.

Dear Sir:-

I have your letter of 5th instant, and will see that all your instructions in regard to shipments of phonographs and supplies therefor, are carried out to the letter.

Yours very truly,

Private Secretary.

Feb. 7, 1890.

Mr. Macdonald,-

I want you to arrange to have Mr. Frazar's shipments sent to him in the shape that he desires. When he orders phonographs and batteries, we can have the boxes that contain the batteries sent to the Phono. Works, and forwarded from there, just as though it were a shipment from the Works, and the invoice for the phonographs and the batteries can be made out up here in triplicate (See Mr. Frazar's letter under date 6th instant, which Maguire will send to you), and try and get this matter straightened out to Frazar's satisfaction. His requests all seem to be reasonable.

Feb. 7, 1900

Dear Miss Dank,-

With reference to your letter of 30th ult., I am in receipt of a communication from the Edison Phonograph Toy M'f'g. Company, No. 95 Milk St., Boston, Mass., in which they state that they will communicate with you, and will in all probability be able to offer you a position. Kindly let me know what they do.

Yours very truly,

Private Secretary.

Miss Annie K. Dank,

92 Lexington Street,

East Boston, Mass.

Feb. 7, 1890.

Mr. John Bi Kimball,

Philadelphia. Pa.

Dear Sir:-

Replying to your letter of 4th instant, in which you ask Mr. Edison how soon he must have your report on the Fort Deposit Water power, he says he wants it any time within a couple of months.

Yours very truly,

Private Secretary.

Feb. 7, 1900

Major S. B. Eaton,

120 Broadway, New York City.

Dear Sir:-

Referring to the attached letter from Mr. Frank Whipple, an attorney at Port Huron, Mich., in regard to a certain mortgage held by Dr. Hartshorn, which Mr. Edison is going to take over, kindly note Mr. Edison's remarks on the back of the letter. Will you kindly take this matter up with Mr. Whipple and arrange it.

Yours very truly,

Private Secretary.

Feb. 7, 1896.

Mr. David Glass, President,

The City Park Transit Company,

Spokane Falls, Wash.

Dear Sir:-

Replying to your letter of 31st ult., to Mr. Edison, I beg to inform you that his motor will not be completed until next Fall, at the earliest. It is designed for use in very large cities where overhead wires will not be permitted.

Yours very truly,

Private Secretary.

Feb. 7, 1890

Mr. W. S. Mallory,

7 West Randolph Street,

Chicago, Ills.

Dear Sir:-

Mr. Edison says in reply to your letter of 3rd instant "do not take options on any property that cannot be worked as an open cut; I will be able to send you a surveyor as soon as the snow is off."

Yours very truly,

Private Secretary.

Feb. 7, 1890

Prof. Wm. D. Marks,

Westport, Essex Co., N. Y.

Dear Sir:-

Mr. Edison has received your letter under date 3rd instant, and says that he will do everything he can. He will see the New York people about the subject to which you refer.

Yours very truly,

Private Secretary.

Feb. 8, 1899.

Friend Villard,-

Major Eaton has told me what you said. I am pretty well broken down with overwork and am going down in the North Carolina Mountains to freshen up. I am sorry there should be any feeling between us regarding the money affair. Your request has worried me so much that it is the principal reason for breaking me down in spirits. It disturbed all my plans for the future by bringing in an element of uncertainty about money if I did what you requested. The reason I delayed notifying you was because I wanted to comply with your request, and yet in another sense did not. You spoke of a put &c.; so no money was required &c. I do not understand such things. You said the way to raise money was to get loans. I once borrowed $20,000 from Drexel, Morgan & Co. and they called it suddenly when they knew I was in a desperate condition carrying the shops, and I had to pay $4,000 to raise the $20,000; hence, I lose confidence in this kind of financing. I have been under a desperate strain for money for 22 years, and when I sold out, one of the greatest inducements was the sum of cash received, which I thought I could always have on hand, so as to free my mind from financial stress, and thus enable me to go ahead in the technical field. To put it back into the

business is something I never contemplated. I have always done heretofore what you asked of me. I had an income of $250,000 per year, from which I paid easily my Laboratory expenses. This income by the consolidation was reduced to $85,000, which is not sufficient to run the Laboratory. I do about $20,000 worth of work for the General and local Companies of such a nature that I can't charge for it, and devote about half my time to the same work. For instance, I have been up all night, working out the distributing mains for the Milwaukee Station. The fact that I am placed in such a position that my active connection with the Lighting business costs half my time, which is 18 hours a day and $20,000 a year, with an income insufficient to pay my expenses, has produced absolute discouragement, and I feel that it is about time to retire from the light business and devote myself to things more pleasant, where the strain and worry is not so great. The whole Lighting business is on a good basis, and with a little more coaching, Mr. Henderson can perform all that can be asked.

In regard to Westinghouse, you may see things differently from what I do; you may see them even through a telescope, while I see the subject through a microscope; still the question is a more detailed one than you imagine and I am sure that if you enter into the slightest connection with him, it will be at the General Company's expense. We must all expect competition; if not from one person, then from another; but no one can ever convince me that a competitor (whose system, as shown by tests made at the

Johns Hopkins University by scientific men absolutely above reproach, gives an average efficiency of only 47 per cent) can ever prove a permanent competitor for large installations in cities against a system giving 79 to 80 per cent efficiency. But if for other reasons I am incorrect, then it is very clear that my usefulness is gone---that working night and day under strain to advance the efficiency from 80 to 85 and in other ways cheapen electric lighting is an absurdity. Viewing it in this light you will see how impossible it is for me to spur on my mind under the shadow of probable future affiliations with competitors, to be entered into for financial reasons. I think up to date I have performed every duty asked of me, made every concession, and I would now ask you not to oppose my gradual retirement from the lighting business, which will enable me to enter fresh and more congenial fields of work.

Yours truly,

W. M. Burrows,
115 Broadway, New York.

Feb. 8, 1890

To whom did you give bills lading for shipment to Ogden? Send word to C. A. Goslett, 10 Dey St., corr Liver. A. O. Tate.

Feb. 8, 1890.

To whom did you give bills lading for shipment to Ogden? Send word to C. A. Goslett, 10 Dey St., corr Liver. A. O. Tate.

Feb 8/90

Thos Butler Esq
44 Wall St
New York

Dear Sir:
I hold the following notes of the Edison Phonograph Works in our safe:-

Note Oct 15/89 $6000. Due Feb 18/90.
" Oct 17/89 $5000. " " 20/90

These were issued to Mr Edison in payment of running a/c. I will have them renewed, which will save the cash.

The Phonograph Works

held in the Orange National Bank two notes of Mr. Edison of $5000. Each due 13th and 14th respectively.

I have two new notes which I will substitute for these.

[illegible]

I enclose the two new notes last referred to. Please endorse them in behalf of Mr. Edison and return the old notes [illegible]

Feb. 10/90 -

W. S. Mallory Esq.
W. Randolph St.
Chicago Ill -

Dear Sir -

I telegraphed you last night "outside dimensions [illegible] - go ahead" T. A. Edison" - and also wrote you full account of heat test & working of magnet, which ran up to 56° only - 6 hours run - a full report of which I will send you when final test is made which will undoubtedly be Tuesday or Wed. 11th or 12th. when, I can telegraph you the result, if you desire it - The last castings are being put in now.

Mr Batchelor wishes me to state, that he will have a [illegible] made for you if the New Generator also [illegible] in [illegible]

Feb. 10 90 (Cont'd)

Our own Cushions made in Chicago - we sending
you [illegible] [illegible] say
perhaps 100 from Reels each weighing 2½ lbs.
total 250 [illegible] While [illegible] we know what [illegible]
[illegible] Mr. Batchelor says
[illegible] in the market &
can be [illegible] by any dealer in the line.
[illegible]
[illegible] Humboldt [illegible] pitching in.
[illegible]

Feb. 10, 1890

Major S. B. Eaton,

#220 Broadway, New York City.

Dear Sir:-

I enclose [illegible] Gourand, which relate to the [illegible] phonograph, and in which [illegible] consecutively [illegible] which may assist you in [illegible] may require.

I desire first to call your attention to [illegible] to Mr. Edison under date 15th June, [illegible] herewith). On the 5th page of this letter, the following occurs: "These remarks may appear to you unnecessary in view of your be-"lief that you are ready to furnish motor machines with a perfect "battery. I am prepared to order firm say [illegible] "machines at once on that understanding and [illegible] "[illegible]."

Following the above order are certain queries as to shipment after which Col. Gourand says: "Let me know please how long af-

" receipt of order I may rely on your bringing to only (including
" your latest battery of course) and at what rate as to number per
" week. Upon receipt of this information and on the understanding
" that the machines are all to be of the latest improved type, I
" shall cable you my order."

You will see from the above that on page 1 of Col. Gouraud's letter under discussion, he orders a thousand machines, and on page 3 of the same letter, he indicates that he will send an order after the receipt of certain information. That the position taken from the statement was recognized by Col. Gouraud himself, is evidenced by his statement on page 4 of his letter to Mr. Edison under date June 20th, 1889 (original enclosed herewith), which reads as follows: "In case my previous letter (which I did "not copy, and which I shall be glad if you will send me a copy of) "did not contain in succinct terms an order, I now give you a firm "order for one thousand machines." (Col. Gouraud's reference to a previous letter which he did not copy, identifying letter of 15th June as being the communication referred to. The letter contains a foot note as follows: "Send me copy of this; it is later than I thought and no time to copy.")

During the month of July I was at the Hotel Metropole in London, and on the 16th of same month, Mr. Insull cabled me as follows: "Gouraud orders one thousand phonographs; arrange payment

S. B. E.

-3-

"in New York on sight draft with invoices and bills lading at-
"tached." I at once took the matter up with Col. Gourraud, inform-
ing him of the manner in which payment was to be made for the
thousand machines which he had ordered, requesting him to arrange
a credit in New York, and to advise me when the same had been ar-
ranged, so that I might instruct our people in America. Colonel
Gourraud failed to arrange this credit or to give any definite in-
structions regarding his order of the 29th June until the 24th day
of July, when I received from him his letter of that date addressed
to me at the Hotel Metropole, containing an order for 50 treadle
machines and 20 motor machines, together with certain supplies.
The original of this letter I enclose herewith, it being signed
"G. E. Gourraud, per J. Lewis Young," who is Col. Gourraud's Manager
in London. Mr. Young's authority for signing this letter is also
attached. On page 2 of this communication the following occurs:
"My present expectation is to repeat the above order at least at
"intervals of thirty days, but each order will stand on its own
"merits, and successive orders will depend more than anything else
"upon the reliability of the new battery." As the "above order"
which Col. Gourraud refers to is an order for 50 machines, it shows
a very clear intention on his part to ignore, if not cancel, his
previous order of the 29th of June for one thousand machines.

I cabled the contents of this letter of 24th July to our
people in America, and received instructions from them to refuse
acceptance of the same, which I did in an interview that I had

with Col. Gourraud in his office, when he brought his letter books in and referred to his order of the 30th June and to his order 24th July, and he stated to me that he saw where these two conflicted, and would take steps at once to adjust the matter.

I enclose herewith copy of Col. Gourraud's letter to Mr. Edison at the Hotel Du Rhin under date August 28th, the original of which was mailed to yourself on Jan. 31st ult., from which I extract the following: "I shall also be glad if you can supply me "with some information in regard to the probable date at which I am "likely to receive the 50 phonographs ordered some time since." Mr. Edison replied to this communication on the 3rd September from Paris (copy enclosed; copy of the original made in Paris mailed to you Jan. 31st, 1890). The following is an extract from Mr. Edison's letter: "I do not understand your reference to an order for "50 phonographs. I know of only one order that has been received "from you, which was for a thousand machines, and the Edison Phono-"graph Works is expecting you from day to day to arrange the de-"tails of this order, so that they may commence its fulfilment."

The next letter of Col. Gourraud to which I desire to invite your attention, is one under date 4th September, 1889, addressed to Mr. Edison at the Hotel Du Rhin, Paris, on the 3rd page of which Col. Gourraud refers to his order for 50machines, and also makes reference to a conversation which I had with him in reference to this order, insisting that the same had never been cancelled or

S. B. E.

I had only said to him that they (our people in America) "wanted "instructions in regard to balance of the thousand machines," and on the 4th page of same letter he states: "Since my orders do not "appear to be accepted as orders I am quite agreeable and im- "mediately you give me the information above requested and state "the maximum number I can have per week I can tell you whether I "can take the whole number or if not what part of it, and on the "understanding that payments are made to you against invoices and "bills of lading in New York."

I presume it is unnecessary for me to make any remarks as to the statements in these letters attributed to myself. I may say, however, that they are not accurate, and that if you wish to know the exact circumstances surrounding any interviews that I had with Col. Gourraud, or his Manager, Mr. Young, I will be pleased to inform you.

Under date Sept. 7th Col. Gourraud addressed a letter to Mr. Edison, stating that he had just received Mr. Edison's letter of the 3rd of September; that he is unable to account for the delay, and that had he received this communication in the ordinary course his letter of the 4th, last referred to, would have been somewhat modified. The original of this communication was mailed to yourself on Jan. 31st, 1890. The following is an extract from page 2: "I now therefore beg to say that I will accept delivery of one thousand phonographs as follows:at the rate of 25 perweek, the

first known to be shipped here at the earliest possible moment."

On the 10th September, Mr. Edison sent the following telegram to Col. Gourand from Paris: the original of which was mailed to you Jan. 31st, 1890: "Quotations in my letter 3rd absolutely maximum; Yours 17th received, order accepted, have cabled America."

I enclose the originals of two other letters from Colonel Gourand, one under date 7th September, 1885, addressed to Mr. Edison at the Hotel De Rhin, Paris, and the other same of same date, which was received at this Laboratory October 26th, 1885.

In shipping machines to Col. Gourand it was of course necessary for us to have instructions where to send them, and under such instructions from him we forwarded the following:

September 26th, 1889	50 machines
October 25th, 1889	50 machines
October 30, 1889	25 machines
December 23, 1889	10 machines

The first three shipments were paid for by Messrs. Drexel, Morgan & Co., upon presentation by us of invoices and bills lading.

On January 17th we sent to Messrs. Drexel, Morgan & Co. invoice and bill lading for our shipment of Dec. 23rd, which left America on the S. S. "Greece" Jan. 7th, requesting them to remit us check

for the same. Under date Jan. 13th, we received from Drexel, Morgan & Co. a communication returning invoice and bill of lading and stating that "We told Col. Gorman some time since that we did not wish to undertake this kind of business." I enclose original of this communication.

On Jan. 20th we forwarded to Col. Gorman, at No. [illegible] Avenue, N. [illegible], express receipt, Bill of Lading and invoice for this shipment, which amounted to $498.[illegible], requesting him to remit us check for the same, which he did.

We are now without instructions regarding the shipment of [illegible] machines on Col. Gorman's account.

Yours very truly,

Private Secretary.

Feb. 10, 1890

E. R. Weeks, Esq.,

Kansas City, Mo.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us to-day:-

"Please advise me as to subject of Mr. Edison's phonogram, and as to when and where it will be presented.

E. R. Weeks."

"Phonogram expressed and letter transcript of same mailed you Saturday eighth. A. O. Tate."

Yours truly,

Private Secretary

Feb. 11, 1890

Dear Master Hofmann,-

Your cablegram reading, "Anxious news phonograph" has been duly received by me, and I replied to it this morning as follows:- "Your phonograph leaves here Saturday next." I replied to your former cablegram, but the Telegraph people returned my message, saying that Master Josef Hofmann was not known in Berlin. They argue therefore unauthorized

I will notify you as to name of steamer that carries your phonograph.

Yours truly,

Thomas A. Edison

Master Josef Hofmann,
Potsdamer Strasse 64,
Berlin, Germany.

Feb. 11, 1890

J. B. Skehan, Esq., Treas'r.,

The Edison Electric Illuminating Co.,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 7th instant, informing me that the bond signed by me in favor of the Mutual Life Ins. Co. of New York, for $30,000, dated Nov. 19th, 81, is cancelled, the mortgage loan of $30,000 which it covered having been paid and discharged of record.

Yours truly,

[illegible]

Feb. 10, 1890

A. B. Dick Company,

152 - 154 Lake Street,

Chicago, Ills.

Dear Sirs:-

Your letter of 4th instant, in regard to the Cabinet you are preparing for us in which to file our letters, has been duly received. The following is a list of the subjects into which our correspondence is divided:-

G. E. GOURAUD	1 tray,	containing	12	compartments.
Samuel Insull	1 "	"	12	"
PHONOGRAPH WORKS	1 "	"	12	"
LAMP COMPANY	1 "	"	12	"
PHONO. TOY COMPANY	1 "	"	12	"
MACHINE WORKS	1 "	"	12	"
EDISON GEN'L. CO.	1 "	"	12	"
A. B. DICK COMPANY	1 "	"	12	"

TWO TRAYS.

GENERAL	2 trays,	one	A. to K.	and the other L. to Z.
PHONOGRAPH	2 "	"	" " "	" " L. to Z.
PHONOPLEX	2 "	"	A. to K.	and the other L. to Z.
ORE MILLING	2 "	"	A. to K.	and the other L. to Z.
PROPOSALS &c.	2 "	"	A. to K.	and the other L. to Z.
EDISON-LALANDE BATTERY.	2 "	"	A. to K.	and the other L. to Z.

UNITED EDISON MFG. CO. and BERGMANN & CO. 1 tray, 2 compartments

A. B. DICK CO. June 10, 1890

A. Q. T A T E	1	tray,	arranged	alphabetically,	A. to Z.
DEAF INSTRUMENT	1	"	"	"	A. to Z.
LABORATORY	1	"	"	"	A. to Z.
APPLICATIONS	1	"	"	"	A. to Z.
C R A N K S	1	"	"	"	A. to Z.
L E G A L	1	"	"	"	A. to Z.
S P E C I A L	1	"	"	"	A. to Z.
SPECIFICATIONS &c.	1	"	"	"	A. to Z.
FOREIGN LIGHT CO'S.	1	"	"	"	A. to Z.
ELECTRIC LIGHT CO. OF EUROPE.	1	"	"	"	A. to Z.
ELECTRIC LIGHT.	1	"	"	"	A. to Z.

The foregoing comprises all of the subjects under which the correspondence of this office is at present filed. Inasmuch as, however, new subjects come up from time to time that involve considerable correspondence for the time being, I think it would be a good idea to include in the cabinet any two additional drawers which could be dedicated to new subjects as occasion requires.

With reference to the above arrangement, in the trays which call for 12 compartments, the letters are filed according to the months, and should be numbered 1 to 12; for instance, with Phono. Works letters, all that are received during the month of January are placed in space No. 1, February in Space No. 2 &c., &c. The subjects calling for two trays, are arranged alphabetically, A to K L to Z, as stated.

We receive more "General" letters than any other, and the trays bearing this title must be about twice as large as any of the others in order to accommodate the correspondence coming under

this head. In the other subjects which call for two trays, each of the trays should be about the size of those at present in this office, with which I think your Mr. A. B. Dick is familiar. The remaining subjects are arranged alphabetically as in the ordinary lexicon indexes. I have stipulated two compartments for United Edison Co. and Bergmann & Co., whose letters are filed under U and B, respectively. If you have such a file, send it along; if not, the ordinary index will do.

Upon receipt of this letter, please advise me when we are likely to receive this cabinet. Send it as soon as possible, because we will delay filing our 1890 letters until its receipt.

Yours very truly,

Private Secretary.

Feb. 11, 1890.

My dear Mr. Edison,-

Kunz telephoned me to-day, asking if he could have a check for the balance due on the collection,- $3,000. I told him I would communicate with you. I enclose a check to his order on Drexel, Morgan & Co. for that amount. If you desire to give it to him, you can sign the check and return it to me and I will get his receipt.

The following is copy of a telegram addressed to you yesterday by Mr. Villard:-

> "Letter received. No cause for worry; with long rest I am sure you will return in better spirits; everything looks very well, closed contract to-day for equipping electricity 200 miles horse car line with your system was PROOF. H. Villard."

I enclose herewith copy of a letter received to-day from F. F. Gilder, Supt. at Rochelle, Ills.

I also enclose a letter in regard to sulphuret arcs received from Mr. J. A. Elliott, of Charlotte, N. C.

Yours very truly,

Copy.

Beechwoodville, Pa. February 8th, 1896.

Thomas A. Edison, Sec'y.,

Dear Sir:-

Both your telegram and letter authorizing me to make the purchase of the Diamond Drill at $1500, are at hand. The Drill will not be ready until the latter part of next week. But will take us all of that time to prepare for it, such as erecting a line of steam pipe and water pipe from the Engine House to where we will set up the Drill.

Yours,

(Signed) P. P. Gilden, Sup't.

Feb. 12, 1890

Mr. John H. Wood,

18 & 20 Liberty Street,

New York.

Dear Sir:-

The Harkness people have completed our system of sprinklers, and I believe that it is now in order to determine the N. Y. Board of Fire Underwriters, and have the system inspected. Will you kindly do whatever is necessary in the premises.

Yours truly,

Private Secretary.

Feb. 12, 1890

A. Arango, Esq.,
Edison Spanish-Colonial Co.,
71 Broadway, New York City.

Dear Sir:-

I have received your letter of 7th instant, and beg to say in reply that after due consideration of the subject, Mr. Edison has decided not to withdraw the resignations which he presented to your Company some days ago. I will call at your office some time this week.

Yours very truly,

Private Secretary.

Feb. 12, 1890

[illegible] Mgr., Sec'y.,

[illegible] Edisonograph Toy Phono. Co.,

Boston, Mass.

Dear Sir:-

I beg to acknowledge receipt of your letter of 7th instant addressed to Mr. Edison, enclosing copy of a communication received from Mr. D. M. Yoomans, in relation to the sale of the Toy Phonograph business for Europe. When will this matter be considered by the Board of Directors?

Your letter of 5th instant to Mr. Edison has also come to hand, and I have spoken to Mr. Edison in regard to the invention which Mr. Gardner claims. Mr. Edison says that if Mr. Gardner has anything good, the Toy Phono. Co. are the people who want it. The value of the invention can be ascertained after the Company has had an opportunity of inspecting Mr. Gardner's apparatus.

Yours very truly,

Private Secretary.

Feb. 12, 1890.

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

We receive quite a number of complaints from Col. Gouraud, in regard to phonographs shipped to London and other foreign points, the cylinders of which are found to be out of true. What is the cause of this? Is it that the shaft is springing in transit owing to bad packing, or can it be the fault of inspection?

Yours very truly,

Private Secretary.

The cause that has each of the Phonograph to machines during depositions or indicates above.

Feb. 12, 00.

Mr. J. P. Howell,

58 & 60 Broadway (Room 211),

New York City.

Dear Sir:-

Your letter of 6th instant, has awaited Mr. Edison's absence. Some few months ago I prepared a short sketch of Mr. Edison's life, which embodies a few of his telegraphic reminiscences, but I regret to say that the time at my disposal was insufficient to enable me to include some of his best stories of this character. I enclose the only copy which I have of this matter, which you can use to whatever extent you may desire, but I will ask you to kindly return the same to me when you are through with it.

Yours very truly,

Private Secretary.

Feb. 13, 1860

A. B. Dick, Esq., Pres't.,

A. B. Dick Company,

152 - 154 Lake St., Chicago, Ill.

Dear Sir:-

Your letter under date 6th instant was received yesterday Mr. Edison's absence. I think you had better have the contracts prepared, which can be executed by your Company and sent on here. Mr. Edison will then sign them and return one copy. Please return the copies of contract now in your possession. Mr. Edison has gone South, and will not be here for about six months.

Yours truly,

Private Secy.

Mr. Thomas Butler,

Feb. 12, 00

[illegible] Wall St., New York.

Dear Sir:-

I have your letter of 7th instant, advising me that you have received a check for $14,[illegible], [illegible] Mr. J. W. Chapman, for proceeds of three notes of the Phonograph Works, each dated Feb. 4th, at 4 months, for $5,000, discounted by him, and stating that the check has been deposited in the Third Nat'l. Bank.

Your letter of 10th instant is also at hand, advising me that you have rec'd. from J. W. Chapman check for $14,950.00, the same being proceeds of three notes of the Phonograph Works [illegible] $5,000 each, at 4 months, two of which are dated Feb. 7th and one Feb. 6th. I note that this check has also been sent to the Third Nat'l. Bank.

Yours truly,

Feb. 12, 1900.

Major S. B. Eaton,

1210 Broadway,

New York.

Dear Sir:-

With reference to your letter of 10th ultimo to Mr. Edison, in regard to certain patents which the Compagnie Continentale Edison has decided to drop, Mr. Edison says to keep the following patents in force:-

No. 261,738.

No. 263,140

No. 264,049.

No. 263,785.

No. 261,392.

Yours very truly,

Secretary to Mr. Edison

Feb 13/90

R. L. Gatling Esq
19 William St
New York

My Dear Sir:— I beg to advise you that six Gatling pumps will be forwarded tomorrow to the Duke of Marlborough 13 Carlton House Terrace London. — I presume you will inform the Duke that these pumps are on the way

Feb. 12, 1890

W. M. Barrows, Esq.,

18 Broadway, New York.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"Consular invoice and all papers for La Bretagne shipment just received. Am sending them to you by messenger this morning. A. O. T."

Yours truly,

A O Tate

Private Sec'y.

Feb. 12, 90

W. J. Hamer, Esq.,

23 Rockland Street, Newark,

N. J.

Dear Sir:-

I beg to confirm the following telegrams sent you yesterday and to-day:-

"Several cases addressed to us have arrived from Havre per La Bretagne, which I believe contain Exposition goods. If so, you must go to French Line pier and claim them early to-morrow morning, as general order expires at nine o'clock. No papers rec'd regarding the shipment. T. A. E."

"Papers rec'd. this morning for La Bretagne shipment. Goods are not from Exposition. You need take no further action. A. O. T."

Yours truly,

Thos. A. Edison

A.

Feb. 14, 1890

E. H. Johnson, Esq.,

c/o National Electric Light Convention,

Kansas City, Mo.

Dear Sir:-

I beg to confirm the following telegram sent you to-day:-

"United States Express state phonograms were delivered to-day. They were addressed to E. R. Weeks, Edison Electric Light and Power Co., Kansas City. I have kept Mr. Weeks fully advised by letter and telegraph. A. U. Tate."

Yours truly,

Private Secretary.

Feb. 16, 1890.

Edward H. Johnson, Esq.,
c/o National Electric Light Association,
Kansas City, Mo.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us to-day:-

"Much disappointment over non-arrival Edison's phonograph. Telegrams to Tate received no reply. Please telegraph as quick by what express and under what exact address it was shipped. I am to address an Assembly on subject to-morrow afternoon. E. H. Johnson."

"It left here last Saturday by U. S. Express. Have notified them. Batchelor."

Yours truly,

Charles Batchelor.

H.

Feb. 18, 1890

Edwin R. Weeks, Esq.,

Edison Electric Light & Power Co.,

Kansas City, Mo.

Dear Sir:-

We received to-day a telegram from Mr. Johnson, stating that no reply had been received to the messages addressed to myself in regard to phonograms which I forwarded to you on Saturday last. As this must refer to despatches which you sent to me, it would appear that you have not received my replies. I, therefore, beg to call your attention to my telegram to yourself of 10th inst. as follows:

"Phonograms expressed and letter transcript of same mailed you Saturday eighth. A. O. T."

Next to my telegram of 14th inst. as follows:

"Phonograms were expressed to you on Saturday last. T. A. E."

Again to my telegram of to-day:

"Phonograms forwarded via U. S. Express. Have sent out telegraphic tracer. A. O. T."

I have just this moment wired a reply to Mr. Johnson, infor-

ming has sent to the agent of the United States Express Company that the monograms are delivered in Kansas City this morning. They were addressed to "Edwin R. Weeks, Falcon Electric Light and Power Company, Kansas City, Mo.," and at this end of the line everything has been done to accommodate you that could possibly have been done.

Yours very truly,

Private Secretary.

Feb. 18, 1900

E. F. Weeks, Esq.,

Kansas City, Mo.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us to-day:-

"By what Company was phonogram expressed?

Please trace immediately. Answer. E. R. W."

"Phonogram forwarded via U. S. Express. Have sent out telegraphic tracer. A. O. T."

Yours truly,

Friend & Sec'y.

Feb. 13, 1890

Mr R. Weeks, Esq.,

Kansas City, Mo.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us yesterday:-

"Where is the phonograph? We are waiting.
Mr. R. W."

"Phonograms were expressed to you on Saturday last. T. A. E."

Yours truly,

Feb. 12, 1890

The Watts Campbell Co.,

Newark, N. J.

Dear Sirs:-

We have received your letter of 7th instant, in regard to castings for which you have charged us six cents a pound, and admitting all that you say in regard to night work and special flask, we still feel that you are charging us an exorbitant price. At our foundry in Schenectady we cast from ten to twenty tons per day, and are, therefore, very familiar with this class of work. If we had sent there for the castings under discussion, we could have obtained them for not more than 2 1/2 cents per pound, at which price we could also have got them in Brooklyn; but believing that your price would be at least within reason and owing to your proximity to the Laboratory, we placed the order with yourselves. It is not only unjust, but most unbusiness-like for you to force us to pay one hundred per cent more than the highest current price charged by other founders for work of this

character. The certificated ship you state our passenger gave you, was not authorized by us, and it ought to have appeared to you as a matter sufficiently important to require written confirmation from ourselves of the statement which you attribute to our passenger. If it is your intention to adhere to the prices of which we now complain, we shall feel that it is impossible to obtain fair treatment from your firm, and in paying your bills we will withdraw our patronage.

Yours very truly,

Feb. 13, 1890

Mr. W. S. Mallory,

7 West Randolph Street,

Chicago, Ills.

Dear Sir:-

What is the size and speed of shaft from which you intend to run the Dust Separators? In the original machine which we have here the pulley is 36 inches in diameter, but that might be much too large for your purpose, as the machine only takes about six horse power, and if 24 inches will be large enough, I should like to make a drawing with that size pulley.

Yours truly,

[illegible]

Feb. 13, 00

Chas. H. Stubbs, M. D.,

Wakefield, Pa.

Dear Sir:-

With reference to your letter of 10th instant to Mr. Edison, there is no opportunity at present of placing your son in the Laboratory, every department having its full complement of assistants. The young men employed here are mostly graduates of some of the Technical Schools, such as Stevens Institute, Mass. School of Technology &c., and all have a general knowledge of electrical phenomena. The work conducted at the Laboratory is of such a nature that it is absolutely necessary for the employees engaged in the experimental departments to have some knowledge of electrical matters; otherwise they would be unable to render any service. If your son is unable to attend a technical school, the next best thing for him to do is to get into an establishment devoted to the manufacture of electrical apparatus, where he could obtain a practical knowledge of the business. You might communicate with the Edison Machine Works, Schenectady, N. Y.; they employ a large number of people and might possibly be able to make a place for your son.

Yours truly,

Private Sec'y.

Feb. 13, 1890.

Henry Villard, Esq.,

Mills Building,

New York.

Dear Sir:-

I beg to confirm the receipt of your telegram to Mr. Edison under date 11th instant, as follows:-

"Letter received; no cause for worry; with long rest I am sure you will return in better spirits. Everything looks very well. Closed contracts today for equipping electrically two hundred miles of horse car lines; wish your system was ready.
H. Villard."

Yours very truly,

Private Secretary.

Feb 13th 1890

German National Bank.
Newark N. J.

Dear Sirs

I beg to enclose you herewith check from the Edison Phonograph Works for $ 1500.

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
B.

Feb 13/90

L. A. Jackson Esq
No 23 Park Place
New York

Dear Sir:

Under same cover I send you proof sheets of an article on Mr. Edison's life which I prepared some few months ago. Please return this matter to me when you are through with it as I have no other copy.

I also send you a steel plate portrait of Mr. Edison from

which you can have an electrotype made if the electrotype I am sending does not suit you. The letter is an old one and I do not know how it may look in print, but you can try it and perhaps Mr de Free will decide.

I enclose an order on the "Electric Age" for cuts of our phonoplex system, one of Mr Edison

more recent inventions, and I enclose a pamphlet relating to the same subject which will enable you to select such portions of the system as you may want to illustrate.

As to any other cuts, or any illustrations of Mr. Edisons other inventions Mr. de Freece will have to obtain them. I do not know what he wants, and

We have no electrotypes at the Laboratory which would be suitable for your proposed work.

I have given instructions for a cut (Electro) of the Monograph to be sent you.

Yours

Arthur

Feb. 15, 1890.

My dear Mr. Edison,-

NICKEL PHONOGRAPH.

I received this afternoon your telegram in regard to the "Nickel-in-the-Slot"Phonograph attachment, and have made an appointment to meet Lippincott to-night, and will wire you the result of my interview with him.

FOREIGN PHONO. MATTERS. Eaton sent for me yesterday and told me that Gourand had agreed to leave the whole matter of profit on the thousand machines to be adjusted by the Board of Directors of the new Company. Gourand refuses absolutely to withdraw his claim, or to consent to the capitalization of his profits at this time. I understand that Eaton has written to you upon this matter.

Gourand made a proposition in regard to adjusting expense accounts between you and himself, which I believe would be most dangerous for you to accept. He proposed that each of you should account for all the expense incurred in connection with the foreign phonograph business, he deducting from his expense check all the revenue he has derived from exhibiting machines, after which the two accounts should be compared and if there were a difference

T. A. E.

in his favor, you would pay half of it, or he would pay half of any difference that there might be in your favor. He makes another proposition as an alternative to the above, namely, that you shall pay one-half of the expense connected with foreign patents.

The first proposition is dangerous, in my opinion, for the reason that I believe it would be impossible to trace with any degree of accuracy the moneys which Gourand has received from exhibition sources. Gourand's Manager, Young, assured me absolutely when I was in London in July last, that up to that time Gourand had not invested a single dollar in the phonograph business, the machine having paid its own way right along through Gourand's manipulation of it. But the danger lies in our being unable to place any reliance upon this state of affairs being recorded in such a way that an Auditor could prove it by Gourand's books. Eaton asked me for my opinion as to which of these propositions were the better, and I told him that I considered it would be much safer for you to assume half of the patent expenses than to undertake a comparison of records with Gourand.

LABORATORY. I enclose herewith Reports from Fessenden, Atwood, Johnson, Aylesworth, Dickson, and a statement from the Phono. Wks. in regard to shipments.

CONCENTRATING WORKS. To-morrow you will owe an assessment to the Concentrating Works of $3,300, which I am going to pay out of the German Nat'l. Bank. As the money at my disposal to place in the German Nat'l. Bank is only sufficient to run the Laboratory during the period of your absence, I will ask you to refund this $3,300 to the Laboratory account in that Bank by signing and endorsing for deposit the enclosed check on Drexel, Morgan & Co. for $3,300.

Of course, the Concentrating Works owe you considerable money for that engine &c. I have not called upon them to pay this, nor have I credited your assessments on that account, for the reason that the withdrawal from them of so much money will necessitate calling up a larger amount in the shape of assessments than has already been arranged for, which cannot very well be done with you and I still absent.

KUNZ A/c. There is a balance due Geo. F. Kunz of $3,000, which he is very anxious to get. I don't know what arrangement you had with him in regard to the payment of this account, but told him I would communicate with you. I asked you by wire to-day if I could remit him $1,000, which I will pay out of the German Nat'l. Bank upon receive your authority. I enclose herewith a check on Drexel, Morgan & Co. for $2,000 to complete the payment to Kunz, if you so desire. If you do not [illegible] to complete this

T. A. E.

payment, you can return the Kunz check to me unsigned.

I enclose copy of a letter from Gildea, in regard to Diamond Drill. I also enclose letter from the Elliott Furniture Company, of Charlotte, N. C.

The following is copy of a telegram received yesterday from Mr. Villard-

"Letter received; no cause for worry; with long rest I am sure you will return in better spirits; everything looks very well; closed contract to-day for equipping electrically 200 miles horse car line; wish your system was ready. H. VILLARD."

Yours very truly,

Feb. 14/90

To
W. D. Mulloy Esq.
W. Randolph St
Chicago Ill.

Dear Sir –

The delay now is that after a 12 hour run & working on, I find magnets at which it was originally figured of course, but then the increase in magnetism owing to increase would allow me to say its OK
resistance from heat, I am going to make an experiment to get same magnetism more Amperes [illegible] – I have the carpenter at work making the box for upper row of magnets & such air through as he talks of – [illegible] able to increase value a current this win by carrying off the heat I shall then have full magnetism & same heat – in other words no increase

upper heat - I shall try with thermometer on
upper row & lower row & compare heat
as I note the telegraph no change as
to dimensions between magnets - of course
the 73 magnets make a little more
machine as we are now using 11 you
know - which will add about .6" -
The final drawing will be sent you
Tomorrow 15th or Monday 17th

Drop me a line once in a while -

Sincerely yours

Orange, N. J.

Feb. 14, 1890

Mr. Thomas Butler,

44 Wall St., New York City.

Dear Sir:-

I beg to acknowledge receipt of cancelled coupons Nos. 188 to 190, inclusive, check for which you inform me was sent to Mr. Batchelor.

Yours truly,

Sec'y. & Treasr.

Telegram.

Orange, N. J. Feb. 14, 1890.

Thomas A. Edison,

Charlotte, N. C.

Have seen Lippincott, who says Gilliland crowd have made proposition to North American Company, but latter will do nothing now without your action. Gilliland's brother has applied for patent on combination of phonograph with nickel slot attachment. Lippincott fears if this allowed Gilliland's Company will control the business. Can you not file an application before any patents issued? I think some of the Toy people Boston could file one also. Will you not them to do it? Nickel Slot Company made Glass a proposition which is not yet accepted. I have searched for Glass since 9 last night. Will find him some time to-day and prevent his acceptance.

Tate.

Thomas A. Edison,

Feb. 13, 1890.

Charlotte, N. C.

Have appointment with Lippincott for to-night. Will lay matter before him and advise you fully. Burn left Asheville about fifth for South Carolina, saying could not give new address then, but I have wired him to old address where he may have left some instructions regarding telegrams.

A. O. Tate.

Jesse H. Lippincott,
The Dalhousie, 40 W. 50th St.,
New York City.

February 13, 1890

I have an important telegram from Mr. Edison about which he desires me to see you. Can you receive me at your house this evening about eight o'clock? Kindly answer.

A. O. Tate.

Mr. Thomas Butler,

Feb. 14, 1890

44 Wall St., New York.

Dear Sir:-

Your letter of 13th inst., enclosing postal card from the Purchasing Agent of the Penn. R. R., has been duly rec'd., and has had our attention.

Yours truly,

Feb. 15, 1890

Mr. Thomas Butler,

42 Wall St., New York City.

Dear Sir:-

I enclose herewith check of Mr. Edison for $3,300, and my personal check for $200, both of which are in payment of Concentrating Works assessment on our holding of stock in that Company. Kindly acknowledge receipt, and oblige

Yours truly,

Private Secretary.

I'll send you another Check for $200. on Thursday

Feb 15, '90

Mr Saunders Elliott Esq Jr
Pres. Nat. Bank Building
Pittsburgh Pa.

Dear Sir

A few days ago I wrote you asking for description of Silver Springs Mining property, but have not received any reply. I am directed to call the matter to your attention again with the request that you attend to it as soon as convenient as Mr. Edison is anxious to have the survey made. The description should give courses and distances of boundaries.

Yours truly
C. J. Reed
For T. A. Edison

Feb. 23, 1920

W. J. Hoover, Esq.,

27 Hancock Street,

Newark, N. J.

Dear Sir:-

There have been received at the Laboratory within the last few days from Purdue, four cases, numbered as follows: 303; 314; 315; 316. Will you kindly inform us what disposition should be made of these cases, and oblige

Yours very truly,

Private Secretary.

Feb. 15, 1890.

Messrs. Eaton & Lewis,

140 Broadway, New York City.

Dear Sirs:-

I enclose herewith a letter from Mr. T. C. Martin, of "The Electrical World," enclosing a communication from Mr. Frank Harrison, who gives some of his reasons for attacking Mr. Edison. I also enclose a letter from Harrison, addressed to Mr. C. F. Johnson, to which is attached copy of the former's magazine. I believe that Major Eaton is keeping track of this matter, in which case, these Harrison letters may prove useful.

Yours very truly,

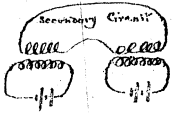
Private Secretary.

Feb. 15, 90.

Mr. Robert C. Matlock,
Central Union Telephone Company,
Springfield, Ills.

Dear Sir:-

With reference to your letter of 6th instant addressed to Mr. Edison, if I understand you correctly, and you have these connections



Then when you open one primary circuit, you wish to overcome the impulse set up in the secondary. As you say, this can be done by increasing the strength of the current in one circuit as much as you diminish it in the other, making both changes at precisely the same moment.

Yours very truly,

Mr. Edison is in the South and will be [illegible]

Private Secretary.

Feb. 15, 1890

Mr. Thomas Butler,
#44 Wall St., New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 22th instant, enclosing copy of a communication of same date addressed by yourself to Mr. MacGrather.

Yours truly,

Private Secretary.

Feb. 15, 1890

E. R. Weeks, Esq.,
Kansas City, Mo.

Dear Sir:-

I beg to confirm receipt of the following telegram dated 13th instant, addressed to Mr. Edison:

"Phonogram received all rights."

Yours truly,

Private Secretary.

Feb. 15, 1890

S. F. Moriarty, Esq.,

International Graphophone Company,

Mills Bdg., New York City.

Dear Sir:-

I regret very much that I was absent when your brother called at the Laboratory yesterday afternoon. I hope that the musical records which he took with him to New York were found to be satisfactory. There were no speaking dolls here that would have done for a public exhibition. Your request in this connection could not, therefore, be complied with.

Yours truly,

Private Secretary.

Feb. 15, 00

A. B. Dick Co.,

Chicago, Ills.

Dear Sirs:-

I return herewith diagram showing case of Cabinet which you are preparing for us, the same having been enclosed with your letter of 13th inst. The cabinet as arranged is O. K., and I shall be obliged if you will forward it with all possible despatch.

Yours truly,

Private Secretary.

Feb. 17, 00

Mr. Thomas Butler,

44 Wall Street, New York City.

Dear Sir:-

I enclose herewith five undated notes of the Edison Phonograph Works, at four months, for five thousand dollars each, to the order of Thos. A. Edison, countersigned and endorsed by the latter. Please acknowledge receipt of these, and oblige

Yours truly,

Feb. 17, 1890

Dear Mr. Edison,-

I enclose herewith copy of Report for week ending February 8th, 1890, received from Alex. Elliott Jr., in regard to certain mining properties about which he is negotiating.

I also send you letters received from Prof. Marks and Geo. F. Kunz, and copies of letters received from Gilden and C. J. Read.

Yours truly,

Thomas A. Edison, Esq.,

Charlotte, N. C.

C o p y.

Boonton N. J. Feb. 23, 90.

T. A. Edison, Esq.,

My dear Sir:-

I could not get the company fixed until to-day (Wednesday) else I would be down and start sooner. Got here at 3 p. m., and examined the Rockaway Valley Mines. No good---small vein, hard to find and mixing in country rock or sulphur. Vein has been opened in about 30 places.

Yours truly,

(Signed) C. J. Rock.

Copy.

Blackwelldale, Pa. Feb. 11, 1890.

Mr. Thomas A. Edison, Pres't.,

N. J. & Pa. Concentrating Co.,

Oregon, N. J.

Dear Sir:-

I am in receipt of a letter from the Pa. Diamond Drill Co., informing me that the drill will not be ready for work in 10 days from the date of direction. It was ordered last Saturday Feb. 8th, 1890. I am prepared to lay a line of steam and water pipe to go from the engine house to the point you desired the hole to start, bottom of old shaft.

Yours

(Signed) P. F. Wildes.

Feb 17th 1890

Germany National Bank
Newark N. J.

Dear Sirs:

I beg to enclose you herewith check for $3300.00

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R.

Feb. 17, 1890.

Dear Mr. Edison,-

I enclose herewith a letter from Horter Bros., in regard to their bill for $3,818.50, who since writing this letter have informed me that unless the account is settled they will take steps to collect it. I am not familiar with the points in connection with the items in this bill which are in dispute, as Mrs. Edison has conducted the matter personally. If she desires me to take any action, will you kindly post me, and I will go and see Horter Bros. about it.

Yours very truly,

Thomas A. Edison, Esq.,

Charlotte, N. C.

Feb. 17, 1890

Messrs. Hart & Blake,
134 Fifth Avenue,
New York City.

Dear Sirs:-

Your letter under date [illegible] to Mrs. Edison has [illegible] attention. Your bill [illegible] at Mrs. Edison's [illegible] Mrs. Edison's hands, also, as I understand the [illegible] has been corresponding with your representative [illegible] parts of [illegible] in Europe. Mrs. Edison, so far as I am aware, [illegible] bills. She may have intended doing so [illegible] Sunday for [illegible] Mr. Edison. I have [illegible] matter [illegible] and will accompanied with [illegible] I [illegible].

Yours very truly,

Private Secretary.

Feb. 17, 1890.

L. A. Jackson, Esq.,

#23 Park Row, New York City.

Dear Sir:-

I have been trying to obtain for you an electrotype of a phonograph, for use in connection with the Edison Souvenir you are preparing, but have been unable to secure one. Perhaps if you applied to the North American Phonograph people, No. 150 Broadway, New York, you could obtain one from them.

Yours truly,

Private Secretary.

[illegible] certain memo-
[illegible] Feb 17 on page

[illegible]

My dear Mr. Edison:-

[illegible] In order to acquaint [illegible] thoroughly with the progress of affairs in connection with the Nickel-slot business, I will refer to each event consecutively as it has occurred since your departure, commencing with the time that Glass arrived in New York and brought the matter to your attention.

The first interview which Glass had with Mr. Batchelor, who informed him that we were pretty well loaded with machines, and that he did not think you would care to go extensively into the Nickel-slot business. Mr. Batchelor has since told me that when he had this conversation with Glass, he was entirely unaware of Gilliland's connection with or the general organization of the Nickel-slot Company which Chopper is floating. I mention this interview so as to give you an idea of Glass' frame of mind when he had his next interview, which was with yourself on American Telegraph [illegible]

[illegible] of the foregoing, or of the interview [illegible] I am not about to refer to, I have no record whatever excepting what has been given me by Glass himself, as that is common [illegible] fact, it is his fault and not mine, [illegible] this [illegible]

He tells me that in his interview with you he told you that he had a Nickle-slot machine to dispose of and that he had come here for the purpose of selling it; that he informed you he [illegible] to [illegible]'s machine and asked your advice with relation to certain negotiations which he proposed entering into with Chauncey Thorning, for the sale of his rights to the latter. He [illegible] that he [illegible] should not negotiate; the result being that on the 14th instant he signed a contract with Chauncey's Company, [illegible] transferred to that Company all the rights of Kimball and his associates for Canada [illegible] portion of the United States as they had not previously disposed of to their California Company. As I stated above, Kimball [illegible] this agreement under full power from the Chauncey Company, on the 14th instant. The next day (the 15th) he [illegible] called upon Mr. Lippincott, [illegible] to have Glass and Major Eaton [illegible] to see Lippincott. [illegible] immediately placed myself in communication with Lippincott, making an appointment for the same night, and [illegible] which Glass. I saw Lippincott, who told me that Chauncey's Company had approached him and made him an offer of a certain interest in the Automatic Phonograph Exhibition Company (Chauncey's Concern), if he (Lippincott) would give the said Company his authority and the authority of the North American Phonograph Co. to enter into agreements with the various Nickle-Phonograph companies throughout the United States. The Automatic [illegible] formed with a capital of $1,000,000. In their proposition to Lippincott they proposed Thorning's title to $1,000,000, to be di-

vided as follows: Cheever's interest $250,000., Glass' interest, $250,000., Gilliland's interest, $250,000., Lippincott's interest, $250,000., Treasury, $250,000. Lippincott had [illegible] his [illegible] sel, and so far as he has been advised up to the [illegible] does not believe that his Sub-Companies can use phonographs for Nickle-slot purposes without having the [illegible] the Nickle American Phonograph Company.

I understand from Glass (who quotes Cheever) that the New York Phonograph Co., the Manhattan Phonograph Company, the New England Phonograph Company and the New Jersey Phonograph Company have all entered into an agreement with the Automatic Phonograph Exhibition Company, a copy of which agreement you will find attached.

When I told Lippincott of the action which you desired me to take he said he would hold Cheever's people off pending an adjustment with yourself, to which effect I wired you.

I waited in town on Thursday and Friday, endeavoring to see Glass, but could not find him. On Friday night I left a message for him to come to the Laboratory, and he turned up on Saturday afternoon, when I found that on the day before I received your telegram, Glass had signed the rights of his Company to Cheever's Company. [illegible] Am [illegible]

Meanwhile, Eaton telegraphed to you, having seen Cheever, and submitted to you a proposition from Cheever to the effect that you should be given one-fifth of the capital of the Automatic Phonograph Exhibition Company, and the manufacturing rights for the [illegible]

T.A.E.;4;E.J.

world, [illegible] that Gilliland should retire from the Company, [illegible] agreeing then to withdraw your opposition, [illegible] wired your assent to Eaton, and he informed [illegible]

I saw Cheever this morning at Eaton's [illegible] I go to meet him and his people to night. He informed [illegible] Automatic Exhibition Company has given the Gilliland [illegible] Indianapolis, an order for 500 Nickle-slot attachments.

In reply to a question, Cheever stated [illegible] that he did not know that he had any Lippincott any interest in the Automatic [illegible]

The points which I shall cover in negotiating with Mr. Cheever, are as follows:

1st: You are to have the manufacturing rights for the world for all nickle-slot attachments manufactured under patents now owned or to be acquired in the future by the Automatic Phonograph Exhibition Company.

2nd: This contract shall be in form substantially the same as the contracts under which we now manufacture for the Toy Phonograph Company and the North American Phonograph Company.

3rd: You are to receive one-fifth of the capital stock of the Automatic Phonograph Exhibition Company. In regard to this, I think there should be some limit placed upon this capital stock, and unless I receive your instructions to the contrary, I will insist that it shall not exceed $1,250,000.

4th: The Automatic Phonograph Exhibition Company, before entering into any contract with yourself, must obtain from the N.A.

T.A.E.

[illegible] Phonograph Company an agreement whereby the [illegible] of the former will be authorized to enter into [illegible] matter of the use of phonographs in [illegible] Nickle-slot business.

5th: The Automatic Phonograph [illegible] Company and withdraw the order which it has [illegible] Company, for 500 attachments, and place [illegible] with yourself.

I will bring these points up to [illegible] and [illegible] occupy my time very fully until [illegible] and further [illegible] as you may have to make, which kindly [illegible] Mr. Edison.

Yours [illegible]

T.A. Edison Esq., [illegible] for the [illegible] patents [illegible] Charlotte, N.C. [illegible] Automatic Phono-[illegible]

P.S.

I should have stated that the first point I will make in these negotiations will be to require Cheever's people to show exactly what rights they possess, that is, what patents have been applied for subsequently to be assigned to [illegible] property [illegible] original patent of the Automatic [illegible]

We must remember that unless they have some patents of a fundamental nature, there is no object in our entering into any arrangements whatever with them, for the reason that the good Will of the North American Phonograph Co. and the specific authority of the [illegible] Germany, [illegible] [illegible] the U.A.

T.A.E.,C.

same Company will be withheld subject to your disposal, until the Automatic people can prove the value of the property which the desire to dispose of.

Since writing the above I have seen Lippincott [illegible] the situation to him fully. He is thoroughly [illegible] yourself, and will co-operate with you [illegible] also approves of the course which I propose [illegible] I shall act throughout in harmony with him.

Feb. 17, 1890.

J. F. Howell, Esq.,

58 & 60 Broadway (Room 211),

New York City.

Dear Sir:-

In reply to your letter of 15th instant, the sketch of Mr. Edison's life that I sent you was written from notes which I took from Mr. Edison, who afterwards read and approved it. I have no objection to your referring to this fact, but do not wish the article published as a contribution from Mr. Edison. It has not yet been published in full.

Yours truly,

A. D. Page

Private Secretary.

Feb. 17, 90

George F. Kunz, Esq.,

28 Cedar Street,

Hoboken, N. J.

Dear Sir:-

In accord now with my telegram of this morning (see Please disregard); I enclose herewith Mr. Wilson's check for $2,000; receipt of which please acknowledge. Also, please send us a bill for the mineral collection.

Yours truly,

A. D. Gale

Private Secretary.

Feb. 18th 1890

Non Magnetic Watch Co'y
177 Broadway
New York.

Dear Sirs:

I beg to enclose you herewith invoice amounting to $303. $\frac{74}{100}$ for experiments conducted at my Laboratory in connection with Watch Testing as per your request.

My Bookkeeper was instructed to send these invoice a long time ago but neglected to do so.

Yours truly
Thomas A. Edison
R.

Feb. 18, 90.

My dear Mallory,-

I have just received your telegram of Feb. 18; also letter of the 15th. In regard to magnet pattern, I think you had better ship it back, as on second thoughts I find that I can cast them just as cheap here as at Schenectady, and send you complete magnets. The complete sketch of the machine is being finished, and we will send you the same as soon as it is so.

I am a little at a loss to know just what I am to do for you in this matter other than make the magnets and the sketch. Somebody, of course, is giving you the necessary information in regard to your general plant, such as horse power, current, and all those things. If you have not these and want to know anything about them, I shall be very happy to give you all the assistance that I can in the matter. Dickson tells me that you have had no information from him in that regard, and for that reason I write to offer you any help I can give. My only understanding of your order is, that we are to make a complete working drawing of the Ore Separator, and send it to you, so that you can have it made there; the only work that I have got to do is to furnish you with the necessary magnets, complete, as per drawing.

W. S. M. -2- Feb. 18, 1890

I should like to know where you buy your bolts, because I want two at the same time, if there is any benefit in buying them by the lot. I believe Mr. Schwarzz said that he could buy better in Chicago in the West than he could in New York. If that is so, perhaps he would let me know where to apply for the two that I want.

Yours truly,

[illegible signature]

To

Mr. W. S. Mallory,

7 West Randolph St., Chicago,

Ills.

Feb. 18, 1890

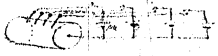
Mr. Wm. J. Carter,

504 West 14th Street,

Kansas City, Mo.

Dear Sir:-

Your letter of 11th instant has come to hand during the absence of Mr. Edison. In reply would say that it appears from the sketch embodied in your communication that there is only one battery. If this is so, the difficulty will probably be that slight irregularities in the paper allow the current to pursue the easiest paths to the detriment of some markings. Would suggest the following: Either have one coil for each contact in its own direct circuit, with one main return wire



Or make the clockwork close all the circuits for a little while in regular succession, when the records will be a series of consecutive dotted lines on the paper, one such dot being made at one time.

Yours truly,

Private Secretary.

Feb. 19, 1890.

Colonel George M. Gouraud,

c/o Daniel Lord, Esq.,

New York City.

Dear Sir:-

I enclose herewith invoices for material shipped on your account in connection with the phonograph business from June 1888 to 12th instant, and which has not been previously billed, amounting to $3,206.13. Kindly send me your check in settlement, and oblige

Yours truly,

Thomas A. Edison

Feb. 19, 1890.

My dear Major,-

For your information I desire to inform you that I have just rendered a bill against Gourrad, for $5,206.18, which represents the full amount of our accounts outstanding against him. I have requested him to forward his check in settlement.

Yours very truly,

Private Secretary.

Major S. B. Eaton,

120 Broadway, New York.

Feb. 10, 1890

Cornelius Vanepit, Esq.,

P o s t m a s t e r ,

New York City.

Dear Sir:-

We send you by special messenger, two cases and one barrel, containing two complete Water Motor Phonographs, fifty Musical Cylinders, and one hundred and fifty Phonogrum Blanks. These are for transmission to the Imperial German Post Office, Berlin. We have had considerable correspondence in regard to this matter with the Post Office Department at Washington, which is acting as an intermediary for the German Postal Authorities in this transaction, and in a letter received from the Department under date December 31st, 1889, we were requested to forward the packages to the Postmaster in New York, advising him of the nature of the contents and asking him to hold the same until instructed by the Post Office Department as to their disposition. This explains why the packages are forwarded to yourself. We have today advised the Post Office Department at Washington, by letter, that the packages have been sent to the Postmaster in New York,

C. Vancott, Esq., P. M. -2- Feb. 19, 1890

with whom we have requested the Department to communicate in regard to their disposition.

Yours very truly,

EDISON LABORATORY

by

Secretary.

The Independent Dynamite Co., Feb. 19, 1890

24 Park Pl., New York City.

Do you know Samuel G. Burn's address? Answer paid.

Edison Laboratory.

Feb. 18th 90

To Wm. Mallory Esq.
Mt. Randolph Sta.
Chicago, Ill.

Dear Sir —

Yours of the 10th just to hand & hasten to reply hoping [illegible] Mr Chase — I telegraphed you outside dimentions not changed thinking that you direct [illegible] what we meant by that that the distances were not changed between new magnets you were aware that the new Magnets [illegible]

& if have to change distances & dimentions & as it was your suggestion when here to put in 18 notches if the magnets as you were most familiar with construction it was then & then decided. now as to machine frame & wills they.

of course would have to come in to
Sun- the 13 & not 11 - I can see
where the mis understanding & hopes it
is not serious - Mr Bateman wrote
you last night a full & complete
synopsis so to speak & you have
best avoid the premier Reading - You
could here easily make your own
calculations when the telegraphic "no
[illegible]" [illegible] report.
The best thing for us be 6.8". & we
shall order the box we are making here
Next sign on for 13 instant - & shall add
6 more to hell the other way so as to
be able to work freely inside -
The Drawing will be ready tomorrow & shall send
this till then finish.

Sincerely, [illegible]

Feb. 19, 1890.

Edison Phonograph Works,

O r a n g e, N. J.

Dear Sirs:-

The following is in confirmation of order sent yesterday this morning by telephone:-

Please ship to Mr. Everett Frazar, 124 Water Street, New York, to-day, three treadle phonographs, complete, with latest improvements and including any required extra parts necessary for one year's use; mark Frazar & Co., Shanghae, #1 up. Also please pack in a separate box three extra pairs of phono. recorders and reproducers, marking this package Frazar & Co., Yokohama, and deliver it with the others to Mr. Frazar at his office in New York.

Yours truly,

Private Secretary.

Feb. 19, 1890.

Thomas A. Edison, Esq.,

Charlotte, N. C.

Dear Mr. Edison,-

Your note of 17th instant to Fessenden is at hand this morning, and was delivered immediately.

We have not yet been able to locate Burn. Immediately I learn of his whereabouts, will instruct him to proceed to Charlotte.

Yours truly,

Feb. 19, 1890.

N. H. Brooks, Esq.,
Acting Supt. Foreign Mails,

Post Office Dep't., Washington, D. C.

Dear Sir:-

Referring again to your letter No. 88922 Gen., under date December 31st, 1889, I beg to inform you that, in compliance with request contained in letter above referred to, I have to-day forwarded to the Postmaster in New York, two cases and one barrel, containing two complete Water Motor Phonographs, numbered 3947 & 6072, respectively; 50 Musical Cylinders, and 150 Phonogram Blanks, for transmission to the German Postal Administration, Berlin. I have also sent a letter to the Postmaster, explaining the nature of the contents of the packages, and requesting him to hold the same until instructed by your Department as to their disposition.

I beg to hand you herewith Directions for using the Edison Water Motor Phonograph, which I would ask you to kindly transmit to the German Postal Authorities when you notify them of the departure of the machines, and I would also ask you to express to them my regret at the unavoidable delay which has occurred in the furnishing of these phonographs.

Yours very truly,

Thomas A. Edison

DIRECTIONS FOR USING THE EDISON PHONOGRAPH? WATERMOTOR PATTERN.

In setting up the machine, the smaller of the two Flexible Rubber Tubes should be connected with a water supply of not less than 30 feet fall. The larger tube will be connected as a drain pipe, care being taken that its fall shall in all cases be downward, and avoid short bends, as the slightest bit of obstruction in the flow of the water would cause a back pressure and stop the machine, and at the same time cause the water to overflow on the floor. We would advise users to make permanent connections of heavy lead pipe instead of using the rubber tubing; as there will then be no possibility of leakage through the breaking of the rubber tubing.

After these connections have been made, the machine is then ready for working. The method of proceeding is as follows:- Open the valve allowing the water to flow freely into the motor. A small valve which is opened or closed by means of a screw driver will be found by the side of the valve which is connected with the rubber tubing; this is intended to prevent a waste of water by regulating the machine at that time of the day when the pressure is the lowest. The valve which is,operated by hand is only intended to turn on and off the water. The screw on the top of the motor is only used for regulating the speed of the machine by turning it inward or outward until the proper speed is secured. On the top of the base on which the Phonograph sets will be found a screw which passes through the casting. This is used for tightening the belt when it shall have become loose.

Feb. 10, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Please mark the box containing the Krupp phonograph as follows: F. A. Krupp, E s s e n, Germany. The presentation plate will, of course read "F. A. Krupp," instead of FRIED KRUPP, as previously advised.

The Krupp phonograph has been the subject of so much correspondence, telephoning and verbal discussion within the last few days that I was under the impression it had left the factory and was now on its way to Germany. If you can prevail upon yourselves to expedite the shipment of this instrument, please do so. Send it by express.

Yours truly,

Private Secretary.

Feb. 19, 1890

Mr. Thomas Butler,

44 Wall Street, New York City,

Dear Sir:-

I enclose herewith three notes of the Edison Phonograph Works to the order of Thomas A. Edison, one under date 20th instant, $5,000, and two under date 18th instant, for $5,000 and $1,000, respectively. These have been issued in renewal of two notes, one for $6,000, falling due 18th instant, the other for $5,000 falling due 20th instant, both held by Mr. Edison. I have drawn the renewal notes, two for $5,000 and one for $1,000, to cover the total amount of $11,000, because all the notes which we have here countersigned and endorsed by Mr. Edison are for $5,000 each, and I do not want to draw a new note for so large an amount as $6,000 to be left open until we can obtain his signature. Please sign these as Assistant Treasurer of the Edison Phonograph Works and return them to me.

Yours truly,

Feb 19/90

My Dear Mr. Edison

I enclose herewith a letter from Mrs Wadsworth which I have thought you would like to hear.

The original amt. given her was $200. She has paid with unique promptness, half that sum back.

Yours

Pierpont

Feb 19/90

Mr. Jonathan Ley
Edison Phono Wks
Orange N.J.

Dear Sir,

There is one thing in connection with the conduct of the Phono. Wks office which must be changed. I refer to the element of uncertainty which now surrounds statements — all statements — in regard to shipments.

This is not confined to special instances, such as due to the Orair of Paris, but it is present in ordinary routine business

Brewers
to an extent which gives this
office an insight into your
unfavorable reputation
I the telegram you yesterday
to pack certain machines
for Sugar Co. to be sent
to New York this morning
and the reply came back
that you would do so.
which we have failed
Inquiry to
P. & Co. we are informed
that the machines cannot
go until Tuesday and now
will cost of freight and
[illegible]

Your arrangements are
upset and the case began
proved unreliable.
This has not happened before,
but at Home this
your people don't seem
to attach any importance
to such promises.
Now this must be
altered. We cannot go
on having business in
that way. I wish you
would get Farina for
Telephone rose and have
all such messages received

received
in writing and confirmed
by the same mail.
Also you must give
your people to understand
that promises of shipment
are contracts, and hold
some one man responsible
for entering into such
contracts on behalf of the
works so that breaches
may be definitely located.

Yours

Secy

This letter was not sent

Feb. 19, 00

My dear Mr. Edison,-

In regard to "Nickel-Slot" negotiations. On Monday night last I met the following people at Mr. Cheever's rooms in New York: Messrs. Cheever, Glass, Gilliland and Gottschalk, the last the Secretary of the Metropolitan Phonograph Co., and the following points were discussed: FIRST. I stated that in negotiating with you the Automatic Exhibition Co. was able to estimate the value of your goodwill, whatever they were to receive from you, and, therefore, it was only just that you should be placed in a similar position in regard to the property which that Company has capitalized; that that property is represented by such applications which have been made, patents covering the devices which they control, and I requested that these should be submitted. After considerable discussion, they decided to take advice of their counsel the next day on that point.

SECOND. I requested them to exhibit their authority for entering into contract with the various sub-phonograph companies throughout the United States, stating that I understood it was necessary for these Companies to be authorized by the North Am. Phonograph Co. to make such contracts. Another long discussion took place, they disputing the right of the North Am. Phono. Co. to control the Companies in this way. I insisted that it was a

matter that would have to be settled; that whether or not the North American Phonograph Company actually possessed this right, they claimed it, and it would have to be settled one way or the other before you could proceed any further. Finally it was decided that Mr. Choover and myself should wait upon Mr. Lippincott the next day (yesterday). We met him in his office at one o'clock I told Lippincott privately all that had occurred the night before and he and I agreed that so far as the capital of the Automatic Company is concerned, we should insist upon a division as follows:

Thomas A. Edison----------$250,000
Jesse H. Lippincott---------- 250,000
T r e a s u r y---------- 250,000

The Capital of the Company not to be increased beyond the sum already set,-namely $1,250,000.

As the Automatic people have already contracted to give Glass $250,000, there will be left only $250,000 to divide between the Choover and Gilliland interests, or half as much as they originally contemplated getting.

Upon consulting the contracts made by the North Am. Phono. Co. and the various sub-companies, we find a clause which provides that the sub-companies can only use in connection with the phonograph such appliances as are authorized by the North Am. Phono. Co. We, therefore, hold the trump card in dealing with the Automatic people and will insist upon our terms.

T. A. E. -3- Feb. 19, 1890

After this interview with Lippincott, we went into Cheever, and I renewed my request for knowledge as to the property owned by the Automatic Company, and Cheever renewed his objections. Finally he said that if we would go ahead with the negotiations and settle all points excepting this one, leaving it to the last, he would then submit all their papers and if we were not satisfied with what they had, we could call the deal off; or, in other words, anything that we may agree to now will be subject to a final inspection of their applications and machines by any representative we may name. We then adjourned to meet again to-night, Lippincott, Cheever and myself. I will keep you fully advised of the progress of these negotiations.

Yours very truly,

Of course Gillilland's retirement is entirely agreed to. Personally he must be paid off entirely. He says he represents six people who have been associated with him in getting up the same which Cheever's Company owns.

Thomas A. Edison, Esq.

Charlotte, N. C.

These represent to meet Cheever in any of the negotiations. His appearance handy might prove a nuisance.

Feb. 10, 1890

W. J. Hammer, Esq.,

23 Rowland St., Newark,

N. J.

Dear Sir:-

We have received the following cases from the Paris Exposition: Nos. 224; 263; 251 & 292. Be kind enough to send us immediately the contents of these cases as you know them, so that we can check them off as we take them out.

Yours truly,

Thos. Bartholomew
Sy.

Feb. 19, 1890

Everett Frazar, Esq.,

124 Water Street, New York City.

Dear Sir:-

I have yours of 18th instant, ordering three treadle phonographs complete with latest improvements, including any required extra parts necessary for one year's use, marked Frazar & Co., Shanghae #1 up, sent to your care at #124 Water St., New York to-day; also in a separate box 3 extra pairs of phono. recorders and reproducers, marked Frazar & Co. Yokohama, also to your care. This order goes forward to you to-night, and the goods should reach you early to-morrow morning. It was impossible to get them off earlier in the day.

Yours truly,

Private Secretary.

Feby. 20th 90

Frazar & Co.
124 Maiden Ln.
New York

Gentlemen.

I beg to advise you of the following shipment which went forward last night viz:

1 small box containing { 3 Reproducers / 3 Recorders } weighing 5 lbs

1 case #1 containing 3 French Phonographs
1 " #2 " Wood Work for same
1 " #3 " Castings " "
weighing 348 lbs.

via Wells Fargo & Co's Express.

Small box marked Frazar & Co. Yokohama Japan c/o 124 Maiden Ln New York. Three cases marked Frazar & Co. Shanghai, China. c/o Frazar & Co. 124 Maiden Ln New York.

Express receipts enclosed.

Yours truly
Thos A. Edison

Feb. 20, 1890

Edison Phonograph Works,

O r a n g e, N. J.

Dear Sirs:-

Replying to your letter of 14th inst., in regard to Col. Gourand's complaint that the cylinders of some of the Phonographs which he has received run out of true, I beg to say that it is not a question of differing with Col. Gourand, as he showed me, when I was in London, some machines which had this defect. It was not caused by worn centres, because the machines had not run long enough to depreciate any of the parts. It is certainly worth your while to look into this matter, and try and discover the cause of the defects complained of in Gourand's letter.

Yours very truly,

Private Secretary.

Feb. 20, 1890

Hon. Edward H. Snyder,

Assembly Chamber,

Trenton, N. J.

Dear Sir:-

In reply to your letter of 19th instant, I beg to inform you that JOHN F. RANDOLPH is the name of the young man whom I desire appointed Commissioner of Deeds.

Yours very truly,

Geo. T. Elmer

Feb. 21, 1900.

Mr. [illegible], Esqr.,

Moscow, Russia.

Dear Sir,

I beg to advise you that on the 19th instant a photographic apparatus was shipped by me to Orange, N. J., to Vogelsang, for transportation to the Grand Duke. I enclose my invoice covering the United States Express Co., which received the package, to be forwarded by them to Belgium Express Express. The instrument is a Wet-Method Photograph, complete, of the latest type, [illegible] 800%. You [illegible] and 20 black photographs [illegible]. You will find enclosed Directions [illegible] Wet-Method type of Photograph.

This presentation is made in accordance with the suggestion contained in your letter to myself 24th November last. You will [illegible] present the apparatus to His Majesty, Alexander III. My best compliments. When I learn the name of the intended recipient, the Duke, I will notify you by cable.

Yours very truly,

[illegible]

Feb. 21, 1890

My dear Mr. Edison,-

I enclose herewith Reports handed to me by Dickson, Aylesworth, Fessenden, Atwood and John Ott.

I also enclose a letter received from Geo. M. Hopkins, of the SCIENTIFIC AMERICAN, to which is attached the beginning of an article on the "Scientific Uses of the Phonograph" and rough proofs of the cuts. Mr. Hopkins wants to know if you approve of the introductory matter.

I also enclose letters addressed to yourself, received from Messrs. Wm. Ford Upson, Chas. H. King, and M. Bergman, all relating to Geo Milling, and Copy of Report received to-day from Alex. Elliott, Jr.

Yours very truly,

Thomas A. Edison, Esq.,

Orange, N.J.

Feb. 21, 1890

Mr. W. J. Hunter, Esq.,

23 Rutland Street,

Newark, N. J.

Dear Sir:-

The goods from the Paris Exposition are now coming in very rapidly. Will you kindly send us a complete list of the cases, giving numbers &c., so that we may check them off as they arrive. This would help us greatly and would prevent confusion.

Yours very truly,

Private Secretary.

Feb. 21, 1890

Dear Master Hofmann,-

I have much pleasure in notifying you that your phonograph left my factory at Orange, N. J., for shipment to Berlin, on the 20th instant. I enclose herewith receipt of the United States Express Co., which received the packages to be transferred by them to Baldwin's European Express. The instrument sent you is a Water-Motor Phonograph of the latest type, which I have thought you would find more convenient than an electric motor machine. The number of the instrument is 5725. Two dozen of musical cylinders, and 50 blank phonograms are also included in this shipment, all of which you will please accept with my compliments. This shipment consists of two cases, and when I learn the name of the steamer which carries the same, I will advise you by cable. Enclosed you will also find Directions for using the Water-Motor type of Phonograph.

Yours very truly,

Thos. A. Edison

To

Master Josef Hofmann,

Potsdamer Strasse,

Berlin, Germany.

Feb/ 21, 1890

Mr. Thomas Butler,

44 Wall Street, New York.

Dear Sir:-

The message which you sent over the telephone in regard to a letter mailed from this office to Mr. Insull, and in which you state that after a conversation with Mr. MacGruthar you feel satisfied that the communication in question was not mailed from Orange in time to catch the steamer sailing from New York the next day, Saturday, has been handed to me. Just how a conversation with Mr. MacGruthar could have convinced you of this fact, I am unable to imagine, but it can hardly be a matter of surprise to you when I inform you that we are quite familiar with the mails from New York, and understand everything that it is necessary to do at this end in order to reach them. Furthermore, I wish to call your attention to the impropriety of your sending messages to my employees. If you have any fault to find with this office and anything to criticise, I wish you would be kind enough to bear in mind that I am quite capable of taking all the responsibility that is involved, and will not allow anyone to address my assistants in the manner you chose to adopt in your message to Mr. Maguire, upon matters connected with business of which I have charge. I

T. B. -2- Feb. 21, 1890.

will also take over the characterization of your message given it by my Assistant, Mr. Maguire. When we need information from your office of any kind, we will ask for it, and I have no doubt you will be very glad to accommodate us, if it is in your power.

Yours truly,

Private Secretary.

Feb. 22, 1890.

Mr. Thomas Butler,

#44 Wall Street, New York City.

Dear Sir:-

With reference to your telephone message of yesterday afternoon, addressed to myself, for which Mr. Tate administered to you a well merited rebuke, I desire to make the following statement:-

In ascribing the failure of a certain letter to reach Mr. Insull to my unfamiliarity with the mails, you were guilty of an unwarranted assumption, and your statement to that effect is a piece of impertinence. Of the letter in question I had no knowledge whatever; it did not pass through my hands, and some one else is responsible for its detention. Mr. Insull will, I know, give me credit for attending promptly to any of his matters that were ever entrusted to me, or with which I had anything whatever to do.

In regard to your remark:

> "You will thus see that I was right in surmising that you are not as familiar with the mails as you ought to be, and that I knew what I was about when I cautioned you to be careful to post the letter going on to-morrow's steamer in plenty of time &c., &c."

Mr. Thomas Butler. -2- Feb. 22, 1890.

allow me to say that you did not know what you were about at all and committed a grave error; also, that if you would utilize a little of the time which you now devote to "surmising," in the acquirement of CHRISTIAN POLITENESS, it would be much appreciated by those who are forced by the exigencies of business to have communication with you--telephonic or otherwise.

As for the remark made by myself, which you say elicited the massage complained of (a very illogical statement), it contained no element of "sauciness," was not intended to be so, and none but the most captious could have taken offence at it.

Yours etc.,

Robert Mayfield

Feb. 22, 1890

Mr. W. S. Mallory,
7 West Randolph St.,
Chicago, Ills.

Dear Sir:-

I have just received your letter of 20th instant. In the second paragraph of this letter you say "Mr. Schwartz made full complete measurements of the machine and they cover the machine as it was made when Mr. Schwartz left the Laboratory, only considerably stronger." If your drawing is made as we had it, then I do not see how you take care of the 13 magnets instead of 11.

In regard to horse power, you seem to have an idea that a No. 2 machine will give current for all the Separators. Of course this is not so. You had better keep your No. 2 machine for lighting the place, if it is sufficient, and you will have to have a No. 10 machine to run the magnets, if you want to run all six machines at the same time. Therefore, roughly speaking, you will want about 40 horse power for your mechanical work, nearly 40 h. p. for your No. 10 machine, and about 8 horse power for your No. 2 machine, or about 90 horse power. This I believe Mr. Schwartz understands thoroughly, because he had a long talk with Mr. Kennelly before he went away from here. Mr. Kennelly will send you a sketch as mentioned in your letter.

W. S. Mallory. -2- Feb. 22, 1896

Do not order belts for me until I know the width they are to be made. I have the tracing all ready to make blue prints, and on Monday I shall have some of these blue prints. I, therefore, think I had better send you a blue print of our machine, so that if you have missed any points, you can probably correct them by this.

Yours very truly,

Chas. D. Mitchell

Feb. 21, 1890

Mr. W. S. Mallory,

Near Randolph St., Chicago, Ills.

Dear Sir:-

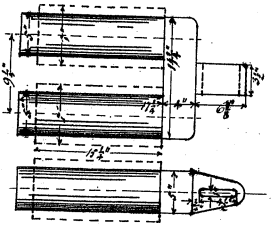
I sent you the following telegram this morning:-

"Letter to-night giving dimensions of magnet
Batchelor."

Enclosed please find dimensions of magnet as requested. I understand from your telegram that you do not need any drawing from us, although we have one ready. Mr. Dickson tells me that he has given you all the points about the 13 magnets instead of 11, the extra width of bolt and other changes that have been made with the machine since you went away, and which were decided on, as I understand, between you and he when you were here. I shall make the magnets immediately and forward them to you.

Yours very truly,

[illegible]


9½"
11½"
4"
6⅞"
5½"
15½"

Feb. 22, 1890

Mr. H. de C. Hamilton,
c/o Edison's Phonograph Co., Edison House "B,"
Northumberland Ave., London, W. C., England.

Dear Sir:-

Your letter to the Edison Phono. Works, without date, received 20th instant, has been handed to us. Kindly address all communications to this office instead of to the Works.

In regard to type-adjustments, none of which were included in the shipment of machines referred to in your communication, they are a special attachment placed on the machine at the request of the North Am. Phono. Co. Col. Gouraud did not consider them satisfactory and declined to have them on the machines sent to him.

We have noted all your other remarks.

In regard to scraping, we do not think that you will find any serious trouble from that cause if the articulation is, as you say, very clear.

Yours truly,

Private Secretary.

Feb. 24, 90.

P. B. Shaw, Esq.,

Williamsport, Pa.

Dear Sir:-

In further reference to Sunbury stock, I beg to say that Mr. Edison holds thirty shares. Is it still your intention to set a price on the stock of this Company with the view of selling it to the people referred to in your correspondence?

Yours truly,

Private Secretary.

Feb. 24, 1890.

My Dear Mr. Edison,-

I enclose herewith contracts received from the Canadian Copper Company and note which accompanied the same. I also enclose copy of a letter received from the Edison Lamp Co. The enclosed report was handed to me by Mr. Dickson.

Yours truly,

Thomas A. Edison, Esq.,

Charlotte, N. Y.

C o p y.

Harrison, N. J. Feb, 21st, 1900

Thomas A. Edison, Esq.,

Orange, N. J.

Dear Sir:-

We are in receipt of a letter from Mr. Wilson S. Howell who has recently visited the plant at Rochester, N. Y. He reports that the life of the Municipal lamps in that plant has averaged over 1600 hours for 12 months past. We think you will be interested in learning of this fact.

Yours truly,

EDISON LAMP COMPANY

(Signed) By F. R. Upton,

Gen'l. Manager.

Feb. 24, 1890

Mrs. Edison,-

I enclose herewith tickets which were received at the Laboratory for the Second Private Concert of the Orange Mendelssohn Union.

Feb. 24, 1890.

Messrs. Drexel, Morgan & Co.,
New York City.

Dear Sirs:-

Will you please send me a statement of my account from January 3rd last, when there was a balance to my credit of $459,236.93, according to statement last furnished. I would be obliged if you will kindly send me a statement of my account every month.

Yours truly,

Thos. A. Edison

Feb, 24, 1890

Western Electric Company,

327 South Clinton Street,

Chicago, Ills.

Dear Sirs:-

Referring to your check for $333.44, enclosed with your voucher under date January 17th, in favor of Thomas A. Edison, I beg to advise you that at the request of Mr. Edison I have been investigating the relations existing between yourselves and him, with the view of ascertaining whether an accounting should have been made at the end of 1889 for that year and the two years preceding. I shall be very glad to have your explanation of the matter, and meanwhile Mr. Edison will hold your check.

Yours truly,

A. Tate

Private Secretary.

A.

Feb. 24, 1890

Mrs. Lizzie Wardsworth,

561 Euclid Avenue, Cleveland,

Ohio.

Dear Madame, -

I received your recent letter addressed to Mr. Edison and forwarded it to him in the South. He has instructed me in regard to the disposition of your notes under date September 20th, 1888, September 25th, 1889, for $50 each, drawn to Mr. Edison's order, at 24 months and two months after date, respectively.

The best way in which I can acquaint you with Mr. Edison's wishes is to enclose the memorandum which I have received from him. I take pleasure in doing this; also in enclosing Mr. Edison's check for $100, to your order, for $100, together with your two notes above referred to, which have been duly cancelled.

Yours very truly,

Private Secretary.

Feb. 24, 1890

My dear Mr. Edison,-

The North American Phonograph Co. has asked the Edison Phonograph Works if the latter will give them permission to employ Walter Miller. The Phonograph Works have referred the matter to us, and I replied that I would consult you. I think that the North American people have started in on music business and have got stuck and want Miller to take charge of it. Do you desire to let him go, either permanently or temporarily? Will you kindly telegraph me a reply, as they are in a hurry.

Yours truly,

Thomas A. Edison, Esq.,
Charlotte, N. C.

Feb. 25, 1890

My dear Mr. Edison,-

I enclose herewith, for your signature, a lease of the premises situated at No. 275 Fifth Ave., New York, which I received this morning from Mr. J. Hutchinson, of Bergmann & Co., with the request that it be forwarded to you immediately. Please sign the document as President of Bergmann & Co., and return it to me in the enclosed stamped envelope, when I will send it to Mr. Hutchinson. The latter informs me that you understand that this lease is to be made, he having explained it to you some days before you left for the South.

I also enclose letter and blue print rec'd. this morning from Prof. Marks; also report handed to me by Mr. Kennelly.

Yours very truly,

Thomas A. Edison, Esq.,

Charlotte, N. C.

Feb. 25, 1890.

Master Josef Hoffman,

Potsdamer Strasse 64,

Berlin, Germany.

Dear Master Hoffman,

I beg to confirm the following cablegram sent you yesterday:-

"Your phonograph steamship "Werra," sailed 22nd instant,"

which means that your phonograph was sent to you via S. S. "Werra," which sailed from New York for Bremen, on Saturday last, 22nd instant.

Yours very truly,

Th. A. Edison

Feb. 25, 1890

Everett Frazar, Esq.,

No. 124 Water Street,

New York City.

Dear Sir:-

With reference to your letter of 18th instant, embodying report concerning phonograph cylinders received by you from Yokohama, would say, if the cylinders in question are handled with reasonable care, they should be found satisfactory. Mr. Edison, however, is still at work improving the phonographic cylinders, and he believes that in a short time he will be able to supply a perfect phonogram, from which the defect mentioned in the Yokohama report will be eliminated.

The circular concerning the progress of electric lighting received from your friends in Tokyo, and enclosed with your letter under reply, will be handed to Mr. Edison upon his return to the Laboratory.

Yours very truly,

Private Sec'y.

Feb. 25, 1890

Mr. J. Block,
M o s c o w ,
Russia.

Dear Sir:-

I beg to confirm the following cablegram sent you yesterday:-

"Phonograph for Czar Steamship WERRA, sailed twenty-second."

Yours truly,

Thos. A. Edison
A.

Letterbook, LB-038

This letterbook covers the period February-March 1890. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison, Charles Batchelor, and John F. Randolph. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Included are letters about the coin-operated phonograph, the operations of the Edison Phonograph Works and the Edison Phonograph Toy Manufacturing Co., the demonstration of the phonograph in Russia, and the presentation of phonographs to William II, Emperor of Germany, and other foreign dignitaries. Other letters pertain to electric lighting, the phonoplex system, mining, and ore milling. There are also several long letters written to Edison while he was inspecting mines near Charlotte, North Carolina. Beginning on page 330 is a four-page list of experimental accounts from January to March 1890. The book contains 500 numbered pages and an index. Approximately 40 percent of the book has been filmed.

Feb. 25, 1890

F. S. Hastings, Esq., Sec'y.,

Edison Electric Light Company,

#44 Wall St., New York City.

Dear Sir:-

I have your letter of 19th instant in regard to an estimate for a transformer system for the City of Newport, R. I. Mr. Edison is at present in the South and will be absent for several weeks yet. He did not leave instructions with anyone concerning this matter. Mr. Kennelly, however, has the blue prints which were furnished by your Company, and says that an estimate such as you desire could be furnished in about two days; but to enable him to do this it would be necessary for you to specify, as closely as possible, the amount of lighting required to be delivered, as the blue prints at present in his possession do not leave this point clear. Kindly let us hear from you in regard to this, and oblige

Yours truly,

Private Sec'y.

Feb. 26, 1890.

Mr. Thomas Butler,

44 Wall Street,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 24th instant, informing me that on that day you received from Mr. Chapman, check for $9,718.78, representing the proceeds of two notes of the Edison Phonograph Works, each dated Feb. 21st, at four mos., for $5,000 and payable to the order of Thomas A. Edison at the Third National Bank, New York, and that you have deposited said check in the Third Nat'l. Bank to the credit of the Edison Phonograph Works.

Yours very truly,

Orby. 28/90

Fried Krupp. Esq.
Essen Germany
Dear Sir.

I beg to advise you of the following shipment made this day to you at above address via U.S. Express Co c/o Baldwins European Express receipts for shipment enclosed.

Case #1 weight 75 lbs Contains 200 Blanks
" #2 Weight 26 lbs Contains 24 Musical Boxes
" #3 " 103 lbs Contains 1 Water Motor Phonograph # 7045.

Yours truly.
Thos. A. Edison
per

Feb. 25, 1900

Francis R. Upton, Esq., Gen'l. Manager,

Edison Lamp Company,

Harrison, N. J.

Dear Sir:-

I beg to acknowledge receipt of your letter of 21st instant, enclosing draft of the minutes of a meeting of the Board of Trustees of the Edison Lamp Company, held at the Laboratory on the 10th of December last, relating to the liquidation of the Edison United M'f'g. Co. &c. I will have these minutes written up in the Lamp Co. Minute Book.

Yours truly,

Secretary.

Feb. 26, 1890

George M. Hopkins, Esq.,

c/o "Scientific American,"

361 Broadway, New York.

Dear Sir:-

Confirming our telephone conversation of this morning, I have received a note from Mr. Edison in which he says that your article, "SCIENTIFIC USES OF THE PHONOGRAPH," is all right. Mr. Edison also says that he thinks you can do certain classes of experimenting better with an old machine, and has instructed me to furnish you with one if you so desire. Pursuant to your wish in this connection, telephoned me this morning, I have given orders for an old style phonograph to be expressed to you at your address in Brooklyn, #432 Lafayette Avenue. This machine will go forward to-morrow.

Yours very truly,

Private Secretary.

Feb. 26, 1890

My dear Mr. Edison,-

Your several memorandums came to hand this morning, and I am sending you to-day via U. S. Express a box containing 100 slides. Dr. Deems says that he will forward to you the balance of the slides as rapidly as they are prepared. The microscope stand is included in the box with the slides.

I communicated to-day with Hopkins of the "Scientific American" and informed him that his article is all right; he stated that he would like an old machine, and Walter Miller will send him one to-morrow.

I enclose herewith reports of Messrs. Atwood, Aylesworth, Dickson and Ott; also copy of report for week ending Feb. 22d, received this morning from Alex. Elliott, Jr., Attorney &c.

Yours very truly,

Thos. A. Edison, Esq.,

Charlotte, N. J.

Feb. 27, 1888.

Alex. Elliott, Jr., Esq.,

First Nat'l. Bank Building,

Paterson, N. J.

Dear Sir:-

In reply to your letter of 25th instant addressed to our Mr. Randolph, I beg to inform you that your reports are forwarded to Mr. Edison immediately they are received in this office.

Yours truly

Private Secretary.

Feb. 27, 1890

My dear Cummings, -

Will you kindly read the attached correspondence, which explains itself. Do you know anything of the Journalist, Masson, described as an American citizen, who appears to have struck the hardest kind of luck in Brussels? If the facts are true, as stated, I should like, in addition to signing a petition, to bring the matter before the New York Press Club, which might be able to take some action in the way of securing names other than my own, or perhaps the attention of our Government might be called to it, on which point no one can advise me better than yourself.

Yours very truly,

Thomas A. Edison

Hon. Amos J. Cummings,

Washington, D. C.

Feb. 27, 1890.

Edward P. Clark, Esq.,

The Evening Post,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 26th instant, and enclose herewith Mr. Edison's check for $50.00, as a further contribution to the WELCH MEMORIAL FUND. I also enclose Mr. Edison's memorandum as requested.

Yours truly,

Private Secretary.

Feb. 28, 1890

Major S. B. Eaton,

120 Broadway, New York City.

Dear Sir:-

I enclose herewith proposed assignment of patents between Mr. Edison and the Australasian Electric Light, Power and Storage Company, Limited, received from Messrs. Waterhouse, Winterbotham & Harrison, London, also a letter from the latter firm under date Feb. 8th, 1890 addressed to Mr. Edison. It appears that certain patents were accidentally omitted from the first assignment to this Company executed by Mr. Edison some time ago, and they now desire Mr. Edison to execute the enclosed document, which kindly examine and inform me if it is all right for him to do so.

I also enclose herewith copy of the assignment already executed by Mr. Edison, to which is attached your report on the subject, which may aid you in your consideration of the document now submitted.

Yours truly,

Private Secretary.

Feb. 27, 1890

Mr. Thomas Butler,

No. 44 Wall Street,

New York City.

Dear Sir:-

Will you please send the following cablegram to Mr. Insull:-

"Shaw negotiating sale Sunbury plant; asks me name price my stock, thirty shares; what figure do you suggest? EDISON."

Yours truly,

Private Secretary.

The above was telephoned to you this morning, Mr. Powers receiving the message.

Feb. 27, 1890.

Mr. Batchelor,

I attach a copy of a letter received this morning from the President of the Edison Phonograph Toy Mfg. Co.

Edison Phonograph Toy Manfg. Company

Boston Feb. 25th, 1890.

Thomas A. Edison, Esq.,

Orange, N. J.

Dear Sir:-

In accordance with a vote passed by the Board of Directors at their meeting this morning, I write to you, to call your attention to the very unusual, and apparently unnecessary delay at your factory, in delivering us Talking Dolls as per standard submitted to us January 20th, 1890.

We are informed by our General Manager in New York, that part of this delay is caused by the acts of your Superintendent, Mr. English, who does not appear to be competent of handling the manufacture of dolls, and we beg to ask you to have this matter investigated and remedied.

Yours very truly,

Feb. 28, 1890

Dr. Werner Siemens,

B e r l i n, Germany.

Dear Sir:-

I beg to confirm receipt of the following cablegram from yourself dated 24th instant:-

"His Imperial Majesty, the German Emperor, desires information when phonograph promised will arrive here. Please wire immediately. SIEMENS."

In reply to which I cabled you yesterday as follows:-

"My agent, Wangemann, has just returned with specification for German Emperor's phonograph. Will send in about ten days. Edison."

Yours truly,

Thos A Edison

Thomas A. Edison
Charlotte N.C.

Dangerman reached here today

A.O. Pate

March 1, 1890

Merchants' Despatch Transportation Co.,

No. 335 Broadway, New York City.

Dear Sirs:-

I am in receipt of a letter from the Societe Centrale de Construction de Machines, Pantin, France, under date 7th Feb., 1890, advising me that all the Consular Invoices in connection with certain shipments of machinery sent by that Company from Havre to myself, have been sent to your Company. The shipments in question have all been received by me, and if the documents referred to are in your possession, I shall be much obliged if you will send them to me by return mail. Their detention has caused me a great deal of trouble and inconvenience.

Yours truly,

Chas. A. Dolson

Mar 3rd 1890.

A. L. Townsend Esq.
13 Summit Street
East Orange N.J.

Dear Sir.

Your favor of the 1st Jany has been turned over to me by Mrs Edison for attention and I beg to enclose you herewith Mr Edison's check for Pew Rent $78.00/100

In regard to the Sinking Fund Subscription 100.00/100 Mrs Edison does not appear to remember anything about it.

If it is anything which she has signed will you please send it to me and I will get you a check immediately for same and return it to you at once

Very truly
John F. Randolph
Bookkeeper.

March 3, 1890

Mr. H. Milander,

365 Lennox Avenue,

New York City.

Dear Sir:-

I have your second letter, and since writing you before I find that I want two or three more ordinary draughtsmen to go on work connected with the shop for building engine spoken of. If you are in want of a job you had better come out to the Edison Laboratory and see me; or if I am not in when you call, ask for my engineer, Mr. Thomas, with whom, if you make any arrangement, it will be perfectly satisfactory to me.

Yours truly,

March 3, 1890

Messrs. Dyer & Seely,

40 Wall St., New York City.

Dear Sirs:-

Referring to the attached letter from the Secretary of the Edison Phonograph Toy M'f'g. Co. of Boston, in regard to manufacturing in Canada under Canadian Patent dated July 11, 1888, will you kindly advise me what patent this is, and give me any information you can as to the time we should start manufacture.

Yours truly,

Private Secretary.

March 3, 1890.

My dear Mr. Edison,-

I saw Leonard in regard to tests which were made at the Johns Hopkins University. He said he could use the data which Mr. Kennelly prepared, and the latter sent it over to him. Leonard said that he would write you upon the subject. I presume he has done so.

Yours very truly,

A. Page

Thomas A. Edison, Esq.,

Charlotte, N. C.

Private

March 3, 1890

My dear Mr. Edison,-

Referring to the attached from Mr. S. C. Bledget, Jr., who desires to send a phonograph to Mr. Trask in Europe, I suppose this could not be done without the consent of the new Company. Shall I try and obtain this consent now, or do you think it would be better to wait until the organization is completed?

Yours very truly,

Grant Duff

Thomas A. Edison, Esq.,

Charlotte, N. C.

March 3, 1890

S. C. Bledget, Jr., Esq.,

Spencer Trask & Co.,

No. 16 Broad St., New York City.

Dear Sir:-

Mr. Batchelor has handed me your letter to him under date 26th ultimo, in which you ask if it would be possible to obtain a phonograph for Mr. Trask, who is in Europe. You may have observed that a new Company has just been formed which will handle the European phonograph business. The organization has not yet been perfected, but I think the matter can be arranged. I have taken steps to find out, and will communicate with you further as soon as I hear from the people to whom I have written.

Yours truly,

Private Secretary.

Thomas A. Edison,

Charlotte, N. C.

March 3, 1890.

Following from Mrs. Earl this morning: "Together at last Hotel Cosmopolitan Mentone; gaining slowly."

Tasa.

March 3, 1890

My dear Mr. Edison,-

I have received all your letters of 28th ult.

P H O N O G R A P H W O R K S. I note what you say in regard to subscription to Lippincott's Company which is being handled by Spencer Trask. Our pay roll at the Phono. Works runs between six and seven thousand dollars per week. I have had a talk with Mr. Batchelor and he says that he will cut this down at once to the lowest possible notch. We always have more or less difficulty in getting money from Lippincott, and never depend upon receiving it. On Saturday last a report was sent you from the Phonograph Works of shipments for that week up to Friday night. The average for these few days is only 23 instruments per day, and all these are not complete phonographs; many of them are bodies---about half. The Phono. Works have on hand practically no orders whatever for shipments on account of the North American Phono. Co.

D O L L. Mr. Batchelor is quite positive that by the 15th instant the Works will be turning out 500 dolls per day. He

has given me the following prices at which to bill these against the Doll Company:-

Movement mounted in body, complete----------$1.50 each.

Assembling head, legs, arms, chemise and

washing---------- 3 cents each

P a c k i n g.

Doll Company furnishes heads, legs, arms and chemises, delivered free at factory; it also furnishes boxes, string, paper, excelsior, labels &c. in connection with packing. We furnish labor, charging them 10% on cost for use of packing room.

I believe that as soon as our negotiations with the Automatic Amusement Co. are completed we can obtain an order for two or three thousand or perhaps more of these attachments. Such an order, together with the Doll business, would help us out very materially at the Phonograph Works.

AUTOMATIC AMUSEMENT CO. I have carried out your wishes fully in regard to standing in with Lippincott in the deal. As I told you in my previous letter, the Automatic people at the start intended to leave Lippincott out, and in the first interview which I had with them, they wanted to negotiate

with you without reference to Lippincott. I told them that the North Am. Company claimed the right to dictate to their sub-companies as to what appliances should be used in connection with the phonograph, and I asked them to show their authority for entering into contract with these sub-companies. Of course they had none, and they recognized the necessity of bringing Lippincott into the deal. There has been a great deal of negotiating since then, and Lippincott and myself have finally got the matter down in the shape as per letter attached addressed to Charles A. Cheever. At a meeting which Lippincott had with these people he agreed to an increase of the capital stock, and, of course, I had to stay with him. The division which is now proposed, that is, eleven to Phonograph people, eleven to Automatic people, and three to the Treasury, is the very best that could be arrived at.

Since we started these negotiations, Lombard of the North Am. Phono. Co., has brought out a "nickel-slot" machine, which is much more simple and better in every respect than the machine of Glass or Gilliland. Lombard will turn this over to Lippincott, and it, in all probability, will be the standard device.

With relation to Section 3rd of Lippincott's proposition to Cheever, wherein we agree that if after the delivery of the 500 machines which are being manufactured now by the Gilliland people, the Edison Phono. Works are not prepared to commence delivery of sufficient machines to fill orders we will grant a further limit

in excess of the 500 now conceded, I considered it was perfectly safe to assent to this, for the reason that we are to have a model immediately, and the whole of the attachment is punch work; all we would have to prepare are the dies.

SECTION 4. Gilliland wanted us to agree to buy the cabinet work from his people; this I refused to do.

SECTION 5. When I started negotiating with the nickel-slot people the first point that I made was, that in negotiating with you they were able to estimate the value of whatever they might expect to receive from you, on your goodwill &c., and that it was only just that you should be placed in a similar position in regard to the property which they had capitalized; that that property is represented by such applications which have been made by their people for patents covering the devices which they control, and I requested that these applications should be submitted to us. They finally agreed that if we would go ahead and settle all other points excepting this one they would then submit their applications and claims for patents, and if these were not satisfactory to us we would call the deal off. This is what is referred to in the 8th section of the letter which I am discussing. If they assent to all the other points, they will submit their applications to anyone whom we may name as our expert, and if we are not satisfied we can cancel the deal.

I expect that by to-morrow everything will be settled, excepting of course this question of applications.

It may strike you as peculiar why Lippincott should desire to go ahead with these people when Lombard has a good machine that Lippincott can get. I can give you the following reasons why Lippincott desires to combine: First, all his sub-companies are in pretty bad condition; very few of them pay expenses; the "nickel slot" business will give them an immediate and quite a large revenue--certainly more than enough to keep them floating and sustain life until the commercial side of the business is more fully developed. The Chevrer people have 500 attachments under way, which will be finished very shortly, and which can be placed in service immediately. Lippincott is anxious to get these out. Second, Lippincott does not know what patents may be allowed these people or how far they may conflict with the Lombard device. Third, two or three of the sub-companies have already made contracts with the Automatic people, and while Lippincott claims that none of the sub-companies can use appliances in connection with the phonograph unless the same are approved of by the North Am. Phono. Co., in enforcing this he would have to fight some of his licensee companies. Fourth, If he puts an attachment out direct from the factory he could not capitalize it, and the block of stock which he will get in the present instance may be an attraction.

I might add to itself that the deal is a good one on your behalf

chiefly because you will be manufacturing for a concern other than the North Am. Phono. Co. The manufacture of the phonograph itself seems to be a little more than the North Am. people can support. This "nickel-slot" concern will at least have enough money to pay for the attachments, which we will make, and that seems to me to be the biggest end which we have to consider. You, of course, get one-half of the stock which goes to Lippincott. I think that this will be worth something, but how much I am not prepared to say.

In regard to Gourand in connection with this "nickel-slot" business, I found that he was trying to obtain a price on "nickel-slot" attachments for about a thousand machines. This shows what the Colonel intended to do if we had allowed him to handle his alleged order. I have blocked him on any deal with the Nickel Slot people.

EDISON GENERAL CO. The ordinary stock of the Edison General Co. is selling at 105. I learn that it is being bought by people in Germany--Villard's friends. Villard is not buying any himself, but is keeping the price up and his friends are purchasing. The trust stock is selling at 75, and is very firm at that price, with the prospect of an almost immediate advance. I have asked Perry to write you fully on this subject.

W A N G E M A N N. Wangemann returned on the 27th ultimo. I have

not yet received his expense accounts, as they are in his boxes which he is passing through the Customs House. I will have them in a day or two and will go through them carefully.

NEW JERSEY IRON PROPERTIES. I sent Reed to Paterson this afternoon to see Elliott in regard to properties which the latter is bonding. Reed tells me that he saw Elliott a few days ago and looked over the list of properties for which Elliott said he was negotiating, and that in his judgment there were only two or three on the list which were any good at all. He says that Elliott informed him that your instructions were to negotiate for all the properties. I have told Reed to write you fully after he has made a further ~~xxxxxxxxxx~~ inspection of Elliott's list.

B A T T E R Y. I will write you fully to-morrow in regard to the Battery and Phonoplex and Foreign Doll business. I shall have to close now in order to catch a mail.

Yours very truly,

Thos. A. Edison, Esq.,

Charlotte, N. C.

March 17th 90

The Edison Machine Works.
Schenectady N.Y.
Dear Sirs

I beg to confirm telephone message of this afternoon viz; "Ask Mr Gruen to give us a price on the crane that he proposes to make for himself also tell him to give us prices on small jib cranes similar to those he uses in his shop." Batchelor.

Name of receiver of message
Campbell
Name of sender of message
Miller

Yours truly
Edison Laboratory
Mr Co.

March 4, 1890

My dear Mr. Edison,-

I enclose herewith ten notes of the Edison Phonograph Works, for $5,000 each, at four months, to be countersigned and endorsed by yourself. We have used all but six of these which you left countersigned and endorsed. Please return these at once so our supply wont run out.

Yours very truly,

Thomas A. Edison, Esq.,

Charlotte, N. C.

March 4, 1890

Dear Mrs. Upton,-

I enclose herewith Mr. Edison's check for $105, in payment of the bill of the New York Philharmonic Club, which latter I enclose herewith.

Yours very truly,

Private Secretary.

Mrs. Francis R. Upton,

Orange, N. J.

March 3, 1890.

My dear Shaw:-

In further reference to the Sunbury stock, I do not see, nor does Mr. Edison, how we can name a price for it with any degree of intelligence. I think that Mr. Edison should get for his stock the same price that you obtain for yours. The understanding was that you and he were to stand together in connection with this Sunbury business. Have you put a price on your own stock?

Yours truly,

Private Secretary.

F. B. Shaw, Esq.,

Williamsport, Pa.

March 4, 1890

Mr. F. A. Krupp,

E s s e n, Germany.

Dear Sir:-

I beg to confirm the following cablegram sent you today:-

"Your phonograph left on steamer "EMS," which sailed March first. Edison."

I sent you on the 25th February last shipping receipt for the above shipment, which also included two dozen of musical records and 200 blank phonograms, all of which you will please accept with my compliments. The instrument sent you is a Water-Motor Phonograph (latest type), and I enclose herewith directions for using the same.

Yours very truly,

March 4, 1890

The Edison Machine Works,

Schenectady, N. Y.

Dear Sirs:-

We have a process at the Laboratory which requires a machine for winding cotton thread from the skein to the bobbin. I know that you use many of these machines in your Wire Covering Dep't., and my impression is that they have 50 to 100 spools on each one. I want to get a machine that will wound about 10 spools and would like to know if you made the machines referred to above yourselves or whether you bought them ready made. If you made them yourselves, you can doubtless furnish us with the castings, so that we could make one with a capacity of about 10 spools. Any information you can give us on this subject will be gladly rec'd.

Yours very truly,

Edison Laboratory.

By [illegible]

March 4, 1890

Daniel Weld, Esq., Sec'y.,

Edison Phonograph Toy M'f'g. Co.,

95 Milk St., Boston, Mass.

Dear Sir:-

I beg to acknowledge, with thanks, receipt of your letter of 3rd instant, enclosing copy of a communication addressed to yourself by Mr. D. M. Yeomans, and informing me as to the action taken by the Directors present at the meeting on Monday last.

I am glad that they decided not to deal in State rights.

In regard to informing purchasers of dolls that the territory in which they can be resold is restricted by certain contracts, How would it do to have a notice to this effect printed and attached to the box which contains the doll? it could be pasted on at the factory and might save considerable inconvenience. You might ask Mr. Brown if such a notice as this would be adequate.

In regard to Mr. Yeomans' letter, it has all along been very clear to me that his anxiety has not been caused by anything real, but that he has been frightened by the old ghosts that have been trotted out for his benefit. It is unfortunate that he had not a more thorough understanding of our foreign business before he went

across. He left in such a hurry that we found it almost impossible to equip him properly for the special work which he was undertaking, apart from giving him any general information, [redacted] might have told Mr. Yeomans, with reference to the London Stereoscopic Company, that that concern did claim the phonograph, but that we proved conclusively to them that their claim was invalid, and that they have recognized the invalidity of it by suppressing advertisements which they inserted in the papers throughout England [redacted] they were threatened with legal proceedings. Mr. Yeomans says that "should one whisper of such threatened law-suits get abroad your cake would be dough." The Stereoscopic people's connection with the phonograph has not been whispered abroad---it has been shouted, and I don't think that there is a financial man in London of any importance who has taken time to look into the phonograph business, as many of them have, who is not fully aware of the status of the Stereoscopic Company with relation to the phonograph. Col. Gouraud has done business for the last two years without any interference whatever from them; but someone has evidently found that Mr. Yeomans is unfamiliar with the subject, and believing that he has something to sell in connection with the phonograph, they desire to "beat" the price.

I am very anxious to attend any meeting of the Board of the Toy Company at which this question of foreign business shall be discussed. I do not think that any of them are interested

favorably with the offer from Germany, high as it is. This means that we shall have to contemplate an alternative, and it is on the subject of an alternative that I wish to express my views.

Let me say before closing that I think Mr. Yeomans an excellent man, and fully believe that if he had been familiar with the phonograph business, or had had someone with him having a thorough knowledge of the subject, he could have obtained an offer that we would have been able to accept.

Yours very truly,

Pri[illegible] Secretary.

March 4, 1900

My dear Mr. Edison,

Replying to your letter of 28th ult., I beg to give you the following information: Kelly has just returned from a trip West, where he arranged with a number of the largest electrical supply houses to handle our cells. Upon orders rec'd. from him we have shipped to all the electrical houses in the States samples of our battery, chiefly the small telephone size and the 150 ampere hour type. These are being tested and reports upon them are coming in now. These reports are all very favorable, but so far have been confined to the 15 ampere hour cell, for the reason that Gladstone, owing to the covers not being ready, was only able to commence the shipment of the 150 ampere hour cells on the 20th February last. Before we can sell any large number of batteries, we have got to go through a certain amount of preliminary work and obtain reports from people who are recognized in the trade. We must do the same in connection with railway work, and I am working a few of the best roads in order to get their endorsement, after which we can push the business more vigorously. The Pennsylvania Railway people ordered 50 cells, with six renewals, for Philadelphia Division, and a few days ago I received an order from Kruesinger for 75 cells for his Division. These are all 300

Mr. Edison.

-3-

March 4, 1899.

amperes Bear Telegraph Model, which, owing to the necessary preparations for the manufacture of the new covers having been only recently completed we were not able to ship until the 25th of last month.

You may remember that I wrote a letter to Mr. Pugh in regard to this battery, and I enclose herewith copy of his reply, which referring as it does, specifically, to the Phenoplex, is very satisfactory indeed.

I have placed a dozen or so of cells on trial with the Boston & Albany R. R., and also with the Boston & Maine R. R., and have received the following from the Chicago & Northwestern R. R.:-

> "We have two cells of your Edison-Lalande battery operating about 30 Sounders."

They then ask for information about renewing the cells.

I sent two cells to the N. Y., Lake Erie & West. R. R., from which they ran six sounders; the Division Operator writes me as follows:-

> "It is an excellent battery and I am well pleased. I shall order some cells of the Telegraph Model on my next requisition."

Taylor, Div. Operator, P. R. R., at Altoona, writes me that he is certainly captivated with the 15 ampere bear cells.

We have sent 8 of the 150 ampere bear cells to the American Telephone Co., Cortlandt St., New York, who test all their long

distance. Kelly is working the Telephone Companies, the District Telegraph Companies and the Western Union Company, and will "bag" them before very long. Brown, who in matters connected with the Western Union stands next to Eckert, made a new test of our 300 ampere hour cell, and is greatly pleased with the result. He is making a report, which will state that the cells gave more than 300 amperes. Kelly was to have had this report to-day. I will send you a copy of it when he gets it.

Just as soon as a number of good reports from well known people like those whom I have mentioned are obtained, we can branch out. Of course Kelly's work---which covers practically all open circuit work---being handled by the electrical supply houses, will not put us to any direct expense, but I am convinced that we will have to spend some money on railway work, by sending a good man out to market our cells. If he is equipped with a letter from the P. R. R. people, and a few others, endorsing the cells, it will be all that is necessary, but I think that this equipment is a necessary preliminary.

I have just received a cablegram from Dyer, Antwerp, as follows:

"Lalande agrees to your requirements; letter follows."

In brief our proposition to Lalande was that he should give us permission to market the cells for electric lighting purposes

up to 25 lamps; also that he should permit us to sell in Canada and Mexico without any further guarantee as to royalties, his remuneration to come from such royalties as may accrue on actual sales in this extended territory. This is the proposition that Lalande accepts.

PHONOPLEX.

Logue has just completed the installation of two circuits on the Kansas City, Memphis & Birmingham R. R., between Memphis & Birmingham, one 128 miles, 10 offices, and the other 119 miles, 15 offices; five offices on each of these circuits are phoned; the rest condensed. These two circuits, together with the one on the Kansas City, Ft. Scott & Memphis line, which is under the same management, use 200 Edison-Lalande cells. Nearly all our Phonoplex licensees have replaced the old Chromic Acid cells with the new kind.

Logue is now on his way to Chicago to complete the installation of the 450 mile circuit on the lines of the North American Telegraph Company, and for which Mr. Kennelly made a new coil. I did not send this coil to the North Am. people, because I wanted Logue himself to install it. The Northern Pacific Railway people also wrote me requesting that a representative of the Phonoplex should call upon them in regard to installing some circuits upon their lines, so that there will be no cessation in Logue's work.

I have two or three other circuits under way.

Yours very truly,

March 4, 1890

Messrs. Eaton & Lewis,

120 Broadway, New York City.

Dear Sirs:-

I beg to acknowledge receipt of your letter of 3rd instant, in regard to Minute Book No. 1 of The Edison Electric Light Co. of Europe, Limited. I think that this must be in the possession of Mr. Tomlinson. I enclose herewith a letter to that gentleman, requesting him to deliver the Minute Book to you if he has it. Please let me know if you receive it from him.

I acknowledge receipt of original agreement between Mr. Edison and the Edison Ore Milling Co., Limited. You did not obtain this original from me; I sent you a copy of this agreement a few days ago, and the original which belongs to Mr. Edison is in our safe. Did you not obtain it from the Ore Milling Co., and shall I return it to you, so that you may hand it to them?

Yours truly,

Private Secretary.

Chicago, Ill.

March 4, 1890.

John T. Tomlinson, Esq.,

Dear Sir:-

Will you kindly deliver to Messrs. Eaton & Lewis, Minute Book No. 1 of The Edison Electric Light Co. of Europe, Limited, if the same be in your possession.

Yours truly,

THE EDISON ELECTRIC LIGHT CO. OF EUROPE, L'td.

By

Secretary.

March 5, 1890.

My dear Mr. Edison,-

In regard to Herter Bros. account, I have paid this out of the German Nat'l. Bank. I enclose herewith check for the amount $3613.30 on Drexel, Morgan & Co., endorsed for deposit at the German Nat'l. Bank. Will you kindly sign same and return it to me. I also enclose check on Drexel, Morgan & Co. to the order of the N. J. & Pa. Concentrating Works for $3,300 amount of your subscription due 3rd instant, which also please sign and return to me.

Yours truly,

Thomas A. Edison, Esq.,

Charlotte, N. C.

Thos. A. Edison

March 9, 1890.

Edgar S. Allison, Esq., Gen'l Manager,

Edison Phonograph Toy Manufacturing Company,

No. [illegible] Fifth Avenue, New York City.

Dear Sir:-

In reply to the manufacture of movements for Phonographic Dolls, assembling parts &c., which I am carrying on at the Edison Phonograph Works, I beg to say that we have ascertained the costs in this connection, and that the goods will be billed against your Company at the following prices:-

Phonographic Mechanisms, complete ..... $1.25 each.
Bodies containing mechanism ..... 60 "
Assembling Heads, Arms, Legs, Cleaning and washing ..... 3 "
per doll.

Packing. Your Company is to furnish boxes, shipping, paper, Excelsior, labels &c., free at the Edison Phonograph Works, where all labor will be furnished and an advance of ten per cent upon the same charged your Company for the use of the factory.

Such royalties as you have to pay under your contracts will be based upon the prices as quoted above of the Phonographic Mechanisms. I have not included any royalties in this quotation.

Yours truly,

Thos. A. Edison

March 5, 1890

Mr. William E. Hibble,

M y e r s , Florida.

My dear Sir:-

Your letter under date 14th February last in regard to the painting of Mr. Edison's property at Myers, has been duly received.

Mrs. Edison desires to have the house painted yellow with white trimmings. In regard to the roof she makes the following note: "For roof pretty shade to blend with the yellow and white; say some rich brownish red, but something else if prettier."

I think you had better select these colors and purchase them yourself. It will cost us just as much to buy them here and pay freight on them to Florida, besides which it would take a number of weeks to get them down to you by freight. If the balance which you have on hand is not sufficient to cover the purchase of this material, advise me and I will make you a further remittance.

Please let me know how everything is at Myers, and oblige

Yours truly,

March 5, 90

Mr. Thos. A. Edison,-

Our friend Block, of St. Petersburg, received a circular from Gouraud's office in London, of which the enclosed is a copy.

Yours truly,

Lieut Colonel Blackburn
Engineer Corps

Thomas A. Edison, Esq.,

Charlotte, N. C.

C o p y.

Litho. circular. (No date)

E d i s o n P h o n o g r a p h C o.

L o n d o n, S. W.

Dear Sir:-

I beg to inform you, that this Company is prepared to supply "phonographic lecture outfits" and should you desire to purchase such for lecture or exhibitional purposes I shall be glad to hear from you.

The price including "all accessories" is ONE HUNDRED GUINEAS and all orders will be executed in rotation of receipt.

Soliciting your early reply

Yours faithfully,

(Signed) J. LEWIS YOUNG.

March 5, 1890

My dear Mr. Edison,-

Mr. Batchelor has spoken to me about his Phonograph Works stock---that is about the interest which he has in the stock which you received for manufacturing rights. This stock is divided as follows:- Total issue 1560 shares, of which 38%, or 592 8/10 shares, are in trust, and 967 2/10 shares are free. Mr. Batchelor's interest, 10%, of each of these stocks, would be as follows: Trust Stock 59 28/100 shares; Common Stock 96 72/100 shares.

In regard to Trust stock, we shall have to treat it as we are treating the stock of the Edison Phono. Toy Mfg. Co., that is give Mr. Batchelor a paper which will entitle him to the dividends on 10% of the Trust stock. Shall I arrange the transfer to Mr. Batchelor of ten per cent of the common stock above referred to? Of course this transfer could not be made until you come home.

Yours very truly,

Thomas A. Edison, Esq.,

Charlotte, N. C.

March 8, 1890

My dear Mr. Edison,-

I have a letter from Birkinbine under date 4th instant, from which I quote the following:-

""I am working on the report of the water power of Port Deposit and expect to have it completed in about ten days.""

Yours very truly,

Thomas A. Edison, Esq.,

Charlotte, N. C.

March 8, 1890

My dear Mr. Edison,-

I have to-day sent to the Treasurer of the Edison Ore Milling Co., L'td. all your bills against that concern to January 1st, 1890. I attach copy of statement of the various accounts, all of which have been rendered in the minutest detail. I also enclose copy of a letter which I have addressed to the Ore Milling Company.

Yours very truly,

Thomas A. Edison, Esq.,

Charlotte, N. C.

Orange, N. J. January 2, 1920.

The Edison Ore Milling Co., Limited,

New York

To THOMAS A. EDISON, DR.

S t a t e m e n t.

To Bill attached,			General Account	$31510.50
"	"	"	Assay Mould	79.02
"	"	"	Gold Ore Separator	547.13
"	"	"	Gold Ore Roaster	402.20
"	"	"	Blow Pipe Analysis	8.02
"	"	"	Dry Method	2590.12
"	"	"	Iron Ore Separator #1	368.06
"	"	"	Iron Ore Separator #2	320.40
"	"	"	Sample Ore Boxer	256.68
"	"	"	Water Contact Machine	6176.84
"	"	"	Sweepings Separator	10.09
"	"	"	Contact Machine	1938.18
"	"	"	C. P. Iron	30.97
"	"	"	Small Water Iron Ore Separator	372.37
"	"	"	Analysis of Different Ored	9.43
"	"	"	Patent Account	4193.96
"	"	"	English Ore Milling	3900.85

$42,131.27.

574 77
42,131.27

March 5, 1890.

T r e a s u r e r ,

The Edison Ore Milling Company, Limited,

No. 19 Dey St., New York City.

Dear Sir:-

I enclose herewith bills against your Company for experiments conducted by me in connection with processes for extracting precious metals from ores, up to January 1st, 1890, amounting to $42,131.27, as contemplated in my agreement with yourselves under date 14th day of October, 1887.

I shall be glad to have an immediate settlement made with me, as my disbursements exceed considerably the amount which I originally agreed to spend in your behalf.

Yours very truly,

Thos. A. Edison

March 5, 1896.

Daniel Weld, Esq., Secy.,

Edison Phono. Toy Mfg. Co.,

#65 Milk St., Boston, Mass.

Dear Sir:-

In further reference to your letter of 1st instant, in regard to the manufacture of toy phonographs in Canada, I take pleasure in enclosing herewith a letter addressed to myself by Messrs. Ryan & Scott. It would seem important that a Petition be prepared at once to be filed with the Canadian Government.

Yours truly,

Private Secretary.

March 5, 1890

Daniel Weld, Esq., Sec'y.,

Edison Phonograph Toy Mfg. Company,

No. 93 Milk St., Boston, Mass.

Dear Sir:-

Replying to your letter of 4th instant, I beg to say that I can go to Boston Friday night and attend a meeting on Saturday. Kindly advise me if I shall do this.

Yours truly,

Private Secretary.

M.

March 5, 1890

William M. Barrows, Esq.,

18 Broadway, New York City.

Sir:-

With reference to your letter of 4th instant, asking for specifications" for the 4 cases wooden models via S. S. LA BRETAGNE, I enclose herewith bill of the Societe Centrale de Construction de Machines, the last item of which calls for complete models &c. of condensers Nos. 1 & 2, 6,000 frames. These models I have not yet received, and they are doubtless contained in the cases referred to. The bill attached hereto I desire you to return to me, as it is the only record we have here.

In regard to shipment via LA NORMANDIE, all the papers concerning this shipment that we had were sent to Mr. Wight the other day.

I enclose herewith Mr. Edison's check to your order for $225.76, covering the following items:

Amount paid by you to French Line for Ocean Freight	$128.26
C. H. Foss, brokerage, cartage &c. La Normandie shipment	18.50
Additional expense on machinery 20 cases La Normandie December last	80.00
	226.76

The check for $225.76 is one dollar short of the total $226.76 and I enclose herewith One Dollar bill, covering same. The error was caused by our accepting the total in your letter of 4th inst.

$145.76, as correct, when there is an error of a dollar in it.

Please acknowledge receipt of check sent you herewith and oblige

Yours truly,

Private Secretary.

March 6, 1890

Mr. Thos. A. Edison,-

I enclose herewith translation of a letter which I have received yesterday from Mademoiselle de Mayer, also copy of a letter from Monsieur Simond which came by the same mail as the former.

Yours truly,

Thomas A. Edison, Esq.,

Charlotte, N. C.

Translation of letter of Miles de Bayer.

40 Boulevard du Musee, Marseille.

Dear Mr. Edison,-

I beg to write to you direct these few lines, first to thank you especially for all the kindness which you have conferred upon me during my stay in America. Upon my return, as I expected, a number of my acquaintances among the French and foreign aristocracy, as well as two reporters, asked me to write some details about your private life, and about the phonograph, which I had an opportunity to see and to study. I have made use of the opportunity which brought me into contact with the chiefs of the Paris financial world to praise the phonograph, and I have told them of the improvements which you have made in the instrument, and the useful purposes to which it will be applied after a short while. My admiration and enthusiasm have had the effect that I was told to-day that the phonograph is the invention of a genius, and requested to write Mr. Edison and ask him what he would take to make out of it in Paris, what would be his conditions, and we shall take charge of introducing the instrument with a capital of twenty millions. Since my father and my brother are somewhat hesitant, believing that the matter is too new, I have taken charge of treating the matter myself, small as I am; my soul is filled with gratitude and I have ordered a cablegram to write to you and receive your instructions, and then to go on. The

gentleman is the Baronet de Sarrazin who has charge of Gatchina; the capital, and Mr. Simond, who writes to you. This is much audacity for a young girl, but you know that I have taken away in my heart a veneration and admiration for you which never will fade. So be kind as to send your instructions as soon as possible to Mr. Simond, in order that the enthusiasm may not have time to cool. I go to Marseilles for a fortnight or three weeks. A number of my Russian and Polish friends being at Nice, I shall have an opportunity to see and to speak about the grand man of whom I dream day and night. Upon my return to Paris I promised to give two conferences about you and the phonograph. Probably Mr. Guizot will preside at the former one. I did not want to write English, as I am not sufficiently familiar with it, but that will come very soon. By the same mail I write to Mrs. Edison. With expressions of admiration, gratitude &c., &c., &c.

(Signed) M y r i a de M a y e r

March 5, 1900.

Major B. B. Eaton,

140 Broadway, New York City.

Dear Sir:-

Mr. Edison owns 14,000 shares of stock in the Edison Phonograph Toy Manufacturing Company. If he retains 12,500 shares of this stock, which represent one-eighth of the Capital of the Company, he will be entitled to 1/8 of any future increases of the Capital Stock of the Toy Phonograph Co. He desires to give Mr. Insull and Mr. Batchelor each a ten per cent interest in these 12,500 shares---that is, each of these gentlemen are entitled to the dividends on 1,250 shares, respectively. Also in case of the liquidation of the Company they will be entitled to that proportion of the assets. Will you kindly draw up a couple of papers which will cover this arrangement.

Yours very truly,

Private Secretary.

March 8, 1900

Mr. A. MacGrattan,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

I have received from Mr. Batchelor the following prices in connection with the manufacture of Phonographic Dolls:

Phonographic Mechanism, complete	$1.25 each
Boxing	50 "
Assembling Heads, Legs, Arms, Chemises and washing	3 "

PACKING. Edison Phonograph Toy Mfg. Co. is to furnish boxes, string, paper, excelsior, labels &c., free, at the Edison Phonograph Works, and we are to supply the Labor at an advance of ten per cent on cost to cover the use of our factory.

You can start billing these movements immediately.

Yours very truly,

Private Secretary.

March 6, 1890.

Erastus Wiman, Esq.,

314 Broadway, New York City.

My dear Mr. Wiman,-

Replying to your letter of 3rd instant, the ore pulverized by the "Cyclone" at Boonton, reached here during Mr. Edison's absence. I have asked his experimenters about it, and they say they are very much pleased with it. As soon as Mr. Edison returns I will see that he makes an examination of this ore, as doubtless you would like to have a word from him direct. I expect him back about the 15th.

Yours very truly,

Private Secretary.

March 5, 1890

J. F. Howell, Esq.,

58 & 60 Broadway, Room 211,

New York City.

Dear Sir:-

I beg to call your attention to my letter to you under date Feb. 17th last, in which I said: "The sketch of Mr. Edison's "life that I sent you was written from notes which I took from Mr. "Edison, who afterwards read and approved it. I have no objection "to your referring to this fact, but do not wish the article published as a contribution from Mr. Edison."

I have received a copy of your issue under date Feb. 28th, and observe that you have published the article in question as the "Autobiography of Thomas Alva Edison." This is a misstatement, which will doubtless be corrected in your next issue. I shall be glad to have your assurance to that effect.

Yours truly,

Private Secretary.

Montreal, 1900

M. J. H. Black,

Moscow, Russia.

My dear Sir:-

I have your letter under date 16th February last, enclosing translations of various articles concerning the phonograph which have appeared in the Russian newspapers, for which please accept my thanks.

The phonograph for His Imperial Highness, the Czar of Russia, went forward long some time ago, and you will have doubtless received it ere this communication reaches you.

Yours very truly,

Thomas A. Edison

March 6, 1890

My dear Mr. Edison,-

I beg to acknowledge receipt of your telegram of 5th instant as follows:-

"Mail at once to Atlanta Constitution a Photograph of myself. Edison."

In reply to which I wired you this morning "Photograph Mailed."

Yours truly,

Thomas A. Edison, Esqr.,
Orange, N. J.

March 6, 1890

Thomas A. Edison, Esq.,

Charlotte, N. C.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"Just received following: "The representatives of all the railroads of Russia assembled by kind invitation of Mr. Block to witness a demonstration of your perfected phonograph tender their heartfelt sympathies to this your wonderful discovery; they feel happy to be enabled to put fame into practical use

(Signed) TCHERNOISCHOFF, General Manager of United Railroads Congress of Russia. Tatc."

Yours truly,

March 8, 90

Daniel Weld, Esq., Sec'y,
Edison Phono. Toy Mfg. Co.,
95 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm receipt of your telegram of to-day in reply to mine of this morning, as follows:-

"Directors' meeting Monday. Don't fail to be here if possible. Daniel Weld, Sec'y."

Yours truly,

Private Secretary.

March 8, 90.

Thomas A. Edison, Esq.,
Charlotte, N. C.

Dear Sir:-

I enclose herewith report handed me by Mr. Kreiling.

Yours truly,

March 6, 1899

Daniel Wells Esq., Secy.,

Edison Phono. Toy M'f'G Co.,

Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"I am a little under the weather and would prefer to attend meeting on Monday instead of this week if entirely convenient and agreeable to the other Directors. Kindly advise me."

Yours truly,

Private Secy.

March 6, 1898

Louis Glass, Esq.,

23 Pine Street, San Francisco,

Cal.

Dear Sir:-

I beg to acknowledge receipt of your telegram of 1st instant as follows:-

"Did you express my phonograph doll? Louis Glass."

To which I replied on 4th instant as follows:-

"They made another change in the movements, which has delayed output. Will send in day or two. A. G. T."

Yours truly,

Private Secretary.

March 6, 1890.

Atlanta Constitution,

Atlanta, Georgia.

Dear Sirs:-

I am sending you by this mail a large panel photograph of Mr. Edison, pursuant to instructions received from the latter to-day. I have also sent you a steel plate engraving of Mr. Edison.

Yours very truly,

Private Secretary.

March 7, 1890

G. H. Chimock, Esq.,

No. 157 Sixth Avenue,

Brooklyn, N. Y.

My dear Sir:

I am to-day sending to you by express, half a dozen Musical Cylinders. The package is addressed to you at #157 Sixth Ave., Brooklyn, N. Y. We have discontinued the making of musical records here, and those sent you are not as good as I would like them to be. They are the only ones available, however, and I hope they will prove acceptable.

Yours truly,

March 7, 1890.

Philip S. Dyer, Esq.,

A n t w e r p , Belgium.

Dear Sir:-

I beg to confirm the following cablegram received from you 6th instant:-

"Leopolde agrees to your requirements; letter follows. Dyer."

Yours truly,

March 7, 1890.

My dear King,

I enclose herewith copy of Report under date February 24th, 1890 made by Mr. John [illegible], Ass't. [illegible] Manager [illegible] Joachim Works, on the Coupling [illegible] Development, copies of which accompanied your letter to me [illegible] November last. This letter is returned herewith.

Yours very truly,

Private Secretary.

Charles G. Y. King, Esq.,

Palmer House,

Toronto, Ontario.

[illegible]

Schenectady, N. Y. February 18th, 9[illegible]

The Laboratory of Thomas A. Edison,

A. O. Tate, Esq., Orange, New Jersey,

[illegible] N. J.

Dear Sir:-

Your letter of [illegible] inst. calling our attention to a previous communication [illegible] a blue print of a coupling box, [illegible] ready to hand.

As we [illegible] some time ago, we desired to make a full [illegible] of this arrangement of Mr. King's, but we have not been able until now to make a report on same.

On December last of [illegible] one of our regulating [illegible] Rubber Cable, filled and impregnated with Compound, at a temperature of 180°F. This box was about [illegible] thick and made of [illegible] known in the trade as pure gum. On removing this box from the Compound yesterday morning--Feb. 16th--after having been enclosed for seventy-four (74) days, we found the rubber to be [illegible]. This indicates to us that the rubber will resist the action of the compound for at least some little time. The adoption of such a box in connection with underground feeders would be of no advantage, as the present arrangement works to take care of the insulation perfectly.

As to underground Mains, there is some advantage claimed, inasmuch as we would be able to open the box very readily and keep the

joints clean, but at the same time it looks very much as if there would be a chance for water to creep along the tube to the box, inasmuch as the rubber is not sufficiently adequate to fill up all small irregularities on the outside of the pipe, in the same manner as would compound. The split cover suggested by Mr. King for service, would, to our minds, be very apt to leak, and further if there is a considerable body of air confined, as there would of necessity be on a warm day, there would almost certainly be more or less condensation at a low temperature.

This is about all we can say in relation to this matter from the experiments we have made. We return you herewith the blue print in question, as also the letter received by you from Mr. King dated November 18th 1889, and remain

Yours very truly,

(Signed) John Krausi,

Ass't. Gen'l. Manager

Enclosures.

March 8, 1890

My dear Mr. Edison,-

In regard to Foreign Doll business, the proposition which has been received from the German people is as follows:-

FIRST. Mr. C. W. Schnoeckel, Jr., who represents parties in interest, asks the privilege of visiting the United States and examining all our processes of manufacture and bringing with him for that purpose a skilled mechanic.

SECOND. Within thirty days after such visit he agrees himself to form a Joint Stock Company with a Capital of One Million Dollars, stock of the Company to be divided as follows:- $100,000 sold for cash at par for benefit of the Treasury; $100,000 to be sold at par and the proceeds handed to the Toy Phonograph Co. of Boston; $150,000 stock to be paid Schnoeckel, for his commissions; the balance, amounting to $650,000 stock to be issued to the Toy Phono. Co. of Boston. Schnoeckel requires an option for three months on the stock held by the Toy Phono. Co. to purchase it at about $65 per share (Par $100), or say $450,000 cash, but does not bind himself to take it. He further requires proxies sufficient to enable him to control annual or general meetings of the Company; and provided

that the Berlin Company shall have the permanent right to sell their own manufactures in all countries where no patents have been received up to the present time, with the exception of the Continents of North and South America.

Apart from his proposition to bring an expert mechanic over here and familiarize him with our methods, and his proposition in regard to manufacturing for sale in countries where we have no patents---which I have told the Boston Co. you would not assent to---, I do not think there is anything in the offer which he makes. As I understand it, the only inducement we could have in selling the foreign business would consist in ridding ourselves of the risks of merchandising. Schnoeckel proposes giving us a big block of stock and then if we can make it valuable, he will either take it himself at a price away below par, or leave us to dispose of it on our own account. I do not think the $100,000 in cash, which he offers, is any temptation. If the Toy Phonograph Co. has to do a regular merchandising business abroad, which would certainl be necessary in order to give value to the shares which Schnoeckel proposes to give them in this deal, I cannot see that they would be in any better position, or in nearly as good a position as they are in to-day. The commercial part of the business would be subjected to the management or mismanagement of people in Berlin, who might or might not consider it desirable to have the value of

the stock appreciate. It strikes me that Schnoeckel simply places an empty value on the business and expects us to make it good, after which he will share in our success.

None of the Boston people look upon this proposition favorably My own opinion is, that if we have to take the risks of merchandising abroad, it would be very unwise to place the active management of our affairs in the hands of people whom we do not know, and whose interest may not be the same as our own.

It is probable that a counter proposition may be made to Schnoeckel, but I have very little hope of its success.

I am going to Boston to-morrow night to attend a meeting of the Directors Monday morning, when this matter will be disposed of, and I will advise you of the result.

Yours very truly,

Thomas A. Edison, Esq.,

Charlotte, N. C.

March 8, 1890.

Major S. B. Eaton,

No. 120 Broadway,

New York City.

Dear Sir:-

I return herewith assignment of my share of stock in the Edison United Phonograph Company to Mr. Edison, also my resignation as Director in that Company, both papers duly executed.

Yours very truly,

Private Secretary.

March 8, 1890.

My dear Mr. Edison,-

In regard to properties which Chas. J. Elliott, Jr. is working on, he came down to see me a few days ago, and said that the list which he has was given to him by yourself. I asked him to forward me a copy of the list, which he has done, and which you will find attached. I also attach a list of mines examined and to be examined by Good. By this time you ought to have received Reed's reports on all the mines named on his list. Elliott tells me that you made a personal examination of all the mines mentioned in his report. He says he knows a number of these are not good, but that he is simply taking them one after the other and ascertaining for what amount they can be bought; that it is not necessary for you to adopt any that you do not want, but that you will call them and take only those that you believe to be desirable. Reed says that he does not know which of these mines you would consider good because he is not familiar with your estimate of a good mine. He says that he sends reports to you on the various properties you have him examine and you make your own decision. Do you wish him to examine and report on the balance of the Mines on Elliott's list, and if so, will you indicate which these are?

After what Reed has said to me about his not knowing what you would consider a good mine, I do not know just how to act, and therefore await your instructions.

Yours very truly,

To

Thomas A. Edison, Esq.,

Charlotte, N. C.

March 8, 1890

Everett Frazar, Esq.,

124 Water Street,

New York City.

Dear Sir:-

I enclose herewith bills in detail, for material supplied on your account from March, 1889, to the date of last shipment, February 20th, 1890, amounting to $2,361.43.

Any bills that you have received from the Edison M'f'g. Company you can cancel, as the amounts are included in those now submitted. I thought that this would be more satisfactory to you than to run one account with Thomas A. Edison and another one with the Edison Manufacturing Company.

Will you very kindly send me check in settlement of these, and oblige.

Yours truly,

Chas. E. Edison

March 7, 1890.

To Whom It May Concern,-

This is to certify that Fred Krais, who I understand is at present a prisoner in the jail at Trenton, New Jersey, worked a number of years in my Laboratory at Menlo Park, N. J., and also at Newark, during which time I found him to be trustworthy and honest. Were Mr. Krais liberated, and desired to enter my Laboratory as Machinist, in which capacity he served me before, I would have no hesitation in employing him.

Thomas A. Edison

March 8, 1890

My dear Mr. Edison,-

I have just received a letter from Fonder-smith, of the Pennsylvania R. R. Philadelphia, asking me to ship him quickly 50 more of our cells. He says the last 50 went into service on Monday last, supplying current to 15 wires. I will get a good endorsement from the P. R. R. in a very short time.

Yours very truly,

Thos. A. Edison, Esq ,

Charlotte, N. C.

March 8, 1890.

Col. George E. Gouraud,

Little Menlo, Upper Norwood,

Surrey, England.

Dear Sir:-

I enclose herewith bills against you covering shipments for which you have not yet made a settlement with me, from June 15th, 1888 to February 20th, 1890, amounting to $3,294.01. Attached to these are receipts from the Express Companies which carried the goods, and copies of our notifications of shipment.

Please acknowledge receipt of these at once, and oblige

Yours truly,

Thomas A. Edison

Mr.

Mar 10th 1890

Thos. Bolton Esq.
144 Pearl Street
New York.

Dear Sir:-

I beg to enclose you herewith check No 28 for $3300.00/100 drawn to the order of the N. J. and Penna Concentrating Works being for Edison's subscription to that Company on account of Work.

Yours truly
John S. Randolph

March 10, 90

Thomas A. Edison, Esq.,

C h a r l o t t e , N. C.

Dear Sir:-

I beg to acknowledge receipt of your telegram of 8th instant as follows:-

"See English and have him send me 500 small bags they sell shot in; the bags are canvass and are I think four by eight; want them for mineral samples; express them quickly. Edison."

I wired you to-day in reply to the above:-

"English says shot bags go to-day sure. A. O. T."

Yours truly,

March 11, 90.

Major S. B. Eaton,

No. 120 Broadway, New York City.

Dear Sir:-

Referring to the 592 8/10 shares of stock of the Edison Phonograph Works which were placed in trust in the hands of the Mercantile Safe Deposit Company, I desire to give Mr. Chas. Batchelor a paper which will secure to him an interest equal to ten per cent upon any dividends or divisions of profit which may be paid me on those shares. Will you kindly prepare such a paper, and oblige

Yours truly,

March 11, 1890

Major S. B. Eaton,

No. 120 Broadway, New York City.

Dear Sir:-

I beg to acknowledge receipt of your esteemed letter of 9th instant, in which you state that Col. Gouraud will forward me a check for about $4,000 to apply on his open account for phonographs and supplies.

In order to avoid as much as possible delay in checking those accounts, I sent to London on Saturday last a complete duplicate set of bills covering all shipments which comprise Col. Gouraud's outstanding account, and I attached to the invoice for each shipment a duplicate express receipt for same, together with copies of advices of shipment which were sent at the time the goods were forwarded. The letter went to Col. Gouraud's London office, with the request that the bills be checked immediately.

Yours very truly,

March 11, 1890

My dear Mr. Hutchinson,-

I enclose herewith two letters, one to Col. Gourmud, and the other to his Manager, Mr. J. Lewis Young. Col. Gourmud's office is right opposite the Hotel Metropole, on Northumberland Avenue, and if you will present both these letters to Mr. Young, he will assist you in obtaining the information you desire in regard to Mr. Edison's foreign patents. Col. Gourmud himself is at present in America.

At a meeting of the Board of Directors of the Toy Company in Boston yesterday we declined the offer submitted by Mr. Schoenckel. I understand that you are to see Mr. Kocmans in London.

Hoping that you are enjoying your trip, and that you will return much benefited by the same

I am, yours very truly,

Private Sec'y.

W. S. Hutchinson, Esq.,
Hotel Metropole, London,
England.

March 11, 1890

J. Lewis Young, Esq., Manager,

Edison's Phonograph Co., Edison House,

Northumberland Ave., LONDON, S. W., England.

My dear Sir:-

I desire to introduce to you Mr. W. S. Hutchinson, the Attorney of the Edison Phonograph Toy Mfg. Co. of Boston. Mr. Hutchinson bears a letter addressed to Col. Gourand, which will explain his requirements, and in the absence of the Colonel I have told Mr. Hutchinson that you would take care of him. We will appreciate very highly any assistance you can render Mr. Hutchinson

Yours very truly,

Private Secretary.

March 11, 1890

Col. George Edward Gouraud,
Edison's Phonograph Co., Edison House,
Northumberland Ave., LONDON, S. W., England.

Dear Sir:-

Permit me to introduce to you Mr. W. S. Hutchinson, the Attorney of the Edison Phonograph Toy Manufacturing Co. of Boston. Mr. Hutchinson desires to obtain certain information in regard to my foreign phonograph patents, and I will be indebted if you will kindly render him all the assistance in your power, appreciating which

I am, yours very truly,

Thomas A. Edison

March 1890

Lieut. N. Sigsbee U.S.N.
Pres't. North Am. Phono Co.
160 Broadway
New York

Dear Sir:

The enclosed bills for Experiments conducted by Mr. Edison in connection with the phonograph from Aug 1st 1888 to Jan 1st 1889 and amounting to $18 371/75 should be in your hands.

Respy

Private Secy

March 11, 90.

FOREIGN FULL BUSINESS.

My dear Mr. Edison,-

I attended a meeting of the Directors of the Toy Phonograph Co. in Boston yesterday, and their offer of Mr. Scheencockl, details of which I gave you in my letter under date March 8th, was rejected. I am trying to convince these people that their best policy is to establish a genuine business abroad and consider the matter of selling out if they please afterwards. We could get two or three times as much for an established trade as we can get now for something which the Capitalists value chiefly from a standpoint of patents. The Boston people seem to be losing my way.

PHONOGRAPH WORKS. On Saturday last there were employed at the

Phonograph works [illegible]
Mr. Ewing's Machine Shop [illegible]
Number of employees this week [illegible]

of these, [illegible] at the Phonograph works, and [illegible] employed in [illegible] which the [illegible] is doing. [illegible] receive the pay [illegible] as the whole [illegible] of the [illegible] pay [illegible]

Thos. A. Edison. -2- March 11, 1890.

DOLL DELIVERIES. As you know, there has been a great deal of delay in getting the dolls out of the factory. The Inspector of the Toy Company has accepted 1 0 5 0 dolls up to Saturday last. Yesterday he accepted 32, and to-day will accept about 100. During the past few weeks Mr. Batchelor has given this matter a great deal of his personal attention, as a result of which dolls are commencing to come out in good shape. I think that within a couple of weeks, the Phono. Works can turn out 500 per day.

DOLL PRICES. I enclose herewith copy of a letter which I addressed to the General Manager of the Toy Phono. Co. quoting prices in connection with manufacture. These figures were given me by Mr. Batchelor, and the Toy people are very well satisfied with them.

NICKEL-SLOT BUSINESS. I have just had a telephone message from Lippincott, saying that as yet he hasn't heard anything from Chester's people in regard to the proposition which he submitted to them some time ago, a copy of which I sent you. While in the performance of these negotiations, Lippincott [illegible] that he [illegible] not be [illegible] for [illegible] with the [illegible] which, the [illegible] in the [illegible] in the [illegible]

Thos. A. Edison.

-3-

March 11, 90.

delay is not the result of any underhand work on the part of Cheever's people in the way of entering into fresh contracts with sub-companies, unless, of course, the latter disregard Mr. Tappincott's notification, which I do not think probable. Cheever says the trouble is that Gilliland has been sick. I know that this is true. He had a very close call.

BATTERY. As you know, I have made estimates for a large number of railways for the equipment of their telegraph lines. These are now commencing to bear fruit. I received an order this morning from the Fall Brook Coal Co., Corning, N. Y., for the equipment of one of their mines with 150 cells of our 300 ampere hour Telegraph Model. The statistics on the battery business to date are as follows:-

"A" cells (15 ampere hour, Telephone Model)	207
"B" (150 ampere hour cell)	81
"B" (300 ampere hour, Telegraph Model)	58

Practically all of the above are cells purchased by dealers for test. Kelly has not yet got down to solid business on this work. The majority of these have been sold for open circuit work in connection with railway signals &c., and they have not been in service long enough for us to obtain any reports on them, as I was only able to get them from the factory ten days or two weeks ago. We are [illegible] probably [illegible] cells shipped by the Fall Brook Coal Co. The balance of these are in service [illegible] R. Hirshberg Work are issued [illegible] with the Phonoplex.

Total number sold 1,901

"K" (300 ampere hour, Phonograph Model), about 700 of these are in use in connection with the Phonograph, and the balance are distributed among the various Phonograph Companies.

Of our other types, "P" (600 ampere hours), and "T" (900 ampere hours), a few have been sent out for test---about half a dozen. This makes a total of about 2,600 cells in use, which, of course, is small, but will be rapidly increased when we get through this preliminary work.

LABORATORY BILLS. You will be glad to know that I have completed the work of getting out the bills for [illegible] of 1889. These bills cover every experiment which [illegible] conducted, excepting those, which are "Bug Killer," Vinctoscope and "Preserving Beef." They are all, of course, in our customary form, all detailed, and as requested by Mr. Insull, I have left blank the names of the people to [illegible] they are to be charged. All that is necessary to [illegible] the [illegible] and name the parties to whom we are to charge these various experiments. I have, of course, sent off our regular [illegible] such as Gourand, Frazar & Co., Phono. Works, Jamy Co., [illegible] In regard to Gourand's bills, I have a letter from [illegible] which he states that Gourand will send us a check [illegible] Gourand said that he wanted to have these [illegible] I thought that [illegible] be [illegible] from [illegible]

Thos. A. Edison.

-3-

March 11, 1890.

and thereby cause further delay, so I had a duplicate set made and sent them to his London office, with the request that they be checked immediately. In this duplicate set I attached to each bill covering the various shipments, a duplicate shipping receipt from the Express Companies which carried the goods, and copies of our letters of notification which were addressed to Gouraud's office in London at the time we made the shipments. The chances are that when the Colonel gets to London he will find that these bills have already been checked and ourselves notified of the fact.

Yours very truly,

Thos. A. Edison, Esq.,

Chatham, N. C.

March 12, 90.

Messrs. Waterhouse, Waterhouse & Harrison,
No. 1 New Court, Carey St.,
Lincoln's Inn,
London, W. C., England.

Dear Sirs:-

Your letter dated 8th February, enclosing a Document assigning certain of Mr. Edison's Patents to The Australasian Electric Light, Power & Storage Co., Limited, which were accidently omitted from the first Assignment executed a short time ago by Mr. Edison, came to hand during the absence of the latter, who is at present in the South. I have forwarded the document in question to Mr. Edison, for his signature, and as soon as he returns it to me, will send it to yourselves with all possible despatch.

Yours very truly,

Private Secretary.

March 12, 90.

Major S. B. Eaton,

120 Broadway, New York City.

Dear Sir:-

I am very much obliged for your letter of 11th inst., in regard to proposed assignment of patents from Mr. Edison to The Australasian Electric Light, Power & Storage Co., Limited, and note that in your opinion it is perfectly proper for Mr. Edison to execute the assignment in the form proposed if the patents named in the schedule thereunto annexed have ever been granted.

Enclosed with your letter under reply were the following copy of Agreement between Mr. Edison and the Indian & Colonial Co., dated March 1, 1888; copy of Assignment of Patents Act, dated the day of , 1889, and copy of proposed assignment to be executed by Mr. Edison, all of which were sent to you by myself.

Yours Very Truly,

Private Secretary

March 12, 90.

My dear Mr. Edison,-

I enclose herewith, for your signature, a Document assigning certain of your Patents to The Australasian Electric Light, Power & Storage Co., Limited, which were accidently omitted from the first assignment which you executed some time ago. This document was sent to us by Messrs. Waterhouse, Winterbotham & Harrison, London, with the request that it be returned to them as soon as possible. I submitted it to Major Eaton, and he says that it is perfectly proper for you to execute the Assignment in the form proposed.

Yours very truly,

Thomas A. Edison, Esq.,

Charlotte St.

March 12th.1890.

Mr.Thomas Butler,

Sec'y. New Jersey & Pennsylvania Concentrating Works,

No.44 Wall Street,N.Y.City.

Dear Sir:—

We beg to acknowledge the receipt of your letter of the 12th.inst.,enclosing Certificate No.43 in the name of Mr.Edison for 33 Shares of the Capital Stock of the New Jersey and Pennsylvania Concentrating Works,the same being in exchange for Mr.Edison's check for $ 3300.00 ,sent you on the 10th.inst.

Very truly yours,

Private Secretary.

March 13, 90.

Dear Mr. Edison,-

I received from Gilder a bill for the Diamond Drill. The Secretary of the New Jersey & Penn. Concentrating Works advises me that a check in payment of this bill is forwarded yesterday.

Yours very truly,

Thomas A. Edison, Esq.

March 13, 90

The Edison Lamp Co.,

Harrison, N. J.

Dear Sirs:-

It is altogether probable that ~~some time in the~~ future we shall have to bill against some one the expense connected with the phonograph at the Paris Exposition, and we therefore wish you would kindly send us detailed account of your invoice under date January 31st, 1890 for $5,414.41.

Yours truly,

~~[illegible]~~

March 13th, 1896.

Messrs. Weyher and Richemond,

Paris, (Seine),

France.

Dear Sirs:-

Your letter of the 28th. of February has been duly received, and in reply I beg to inform you that the amount claimed by the Company. Generale Transatlantique for disembarkation expenses in connection with Eighteen Packages of Machinery, shipped by you from Havre, Via, " La Normandie " on the 28th. of December last, has been paid to their Agent in New York City.

Very Truly Yours,

March 13, 90.

Messrs. George W. Paine & Sons,

P r o v i d e n c e , R. I.

Dear Sirs:-

We have been referred to yourselves by The Edison Machine Works for information in regard to skeining machinery. We have a process at the Laboratory which requires a machine for winding cotton thread from the skein to the bobbin, and desire a machine that will wind from 10 to 16 spools of thread, of which we enclose sample herewith. The size of skein is 34 inches, and the spool upon which the thread is to be wound is 6 1/4 inches long, 6 3/4 inches diameter. Please inform us by return mail at what price you could furnish us with such a machine, and oblige,

Yours truly,

E d i s o n L a b o r a t o r y.

By

March 13, 90.

My dear Glass,-

I have confirmed elsewhere my telegram to you in regard to "Nickel-Slot" business, which was sent last night and addressed to No. 123 Pine St. instead of #323. Having no advice of nondelivery, I presume it has reached your hands.

We have reached a point in our negotiations with the "Nickel-Slot" people where all questions are settled, with the exception of one relating to manufacture. Our proposition was that the manufacture should be given to Mr. Edison. Gilliland wants to retain part of this, namely, the cabinet work, to which Mr. Edison will not consent; the result is that there is a deadlock in the negotiations, and we want you to bring your influence to bear upon these people so that they will withdraw Gilliland's demand.

For your information, and in further consideration of our position, I say that [illegible] in the North the Phonograph Co. has [illegible] a contract covering which to place views on [illegible] and [illegible] if these negotiations are successful will be [illegible] of the [illegible] contracts should [illegible] Edison will [illegible] in [illegible] [illegible]

will run in opposition to the Automatic concern. This, of course, is not desirable, but it is inevitable unless Gilliland's demand is withdrawn. Knowing that you would much prefer to have Mr. Edison's support secured, I telegraphed you for assistance, which I hope you will be able to render promptly, so that we can get the matter cleared up and commence business in earnest.

Yours very truly,

Private Secretary.

Mr.

Donald Clause, Esq.,

Mus. Ind. Pub. Society

San Francisco, Cal.

March 13, 90

My dear Mr. Edison,-

There is a hitch in the "Nickel-Slot" negotiations. Chsover's crowd has agreed to all the points in Lippincott's proposition, with the exception of one, that is, they demand that the cabinet work shall be bought from Gilliland's people.

I saw Lippincott yesterday, and, in your behalf, I refused absolutely to consent to this. Chsover told Lippincott that unless we consented the deal would have to be called off. He may mean this, or he may only be "bluffing." Anyway I have refused to agree to it, and in order to have the demand withdrawn I telegraphed Glass yesterday as follows:-

"Edison and Lippincott have agreed with Chsover Gilliland on division of Capital Stock of Slot Company subject to your approval; only obstacle in way of combination being actually effected is that Gilliland insists on furnishing cabinet work, which Edison will not consent to. We want you to use your influence towards getting Gilliland to withdraw this demand; otherwise Edison Lippincott will start manufacture of nickel-slot machine patented by Lombard, which they control. I anticipate your unqualified support. Advise me immediately of your action in this connection. A. O. Tate."

Lippincott is on the ragged edge, because Chsover's Company has contracts with some of his [illegible]

Thos. A. Edison, Esq. -2- March 13, 90.

Cheever means what he says. Lippincott told me that he had read an opinion given to Cheever's Company by ex-Judge Noah Davis, to the effect that the sub-Companies had a perfect right to use "Nickel-Slot" machines of their own selection. I have given Lippincott to understand that you preferred competition in this business to the acceptance of a proposition giving part of the manufacture to Gilliland.

We are holding off now, awaiting an answer from Glass.

I should like to have a word from you about this business, sufficient to assure me that I have expressed and am carrying out your views.

Yours very truly,

To

Thos. A. Edison, Esq.,

Charlotte, N. C.

March 13, 1890

Everett Frazar, Esqe,

124 Water Street,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 8th instant, in regard to four presentation phonographs. It is quite impossible for us to get these ready in time to ship them this week. We will advise you as soon as they are ready, which will be, we anticipate, on Saturday, and you can then tell us what to do with them.

As Mr. Edison's only interest in presenting these machines to the people to whom they are going, is to assist your business in those countries, I think you should bear such portion of the expense as may be represented by the weight and cost of delivering the instruments.

Yours truly,

Thomas A. Edison

March 13, 90.

Louis Glass, Esqe,

320 Pine Street,

San Francisco, Cal.

Dear Sir:-

I beg to confirm the following telegram sent you last night:-

"Edison and Lippincott have agreed with Grover Gilliland on division of Capital stock of Gilliland Company subject to your approval; only obstacle delay in combination being actually effected is that Gilliland insists on furnishing cabinet work, which Edison will not consent to. We want you to use your influence towards getting Gilliland to withdraw this demand; otherwise Edison Lippincott will start manufacture of Nickelette machine patented by Leonard, which they honestly. I anticipate your unqualified support. Advise us immediately of your decision in this damnable matter. Yours truly,

March 13, 1890

Mr. Randolph,-

Please issue shop order for four (4) complete Phonograph Batteries, to be sent to the Phono. Works packed ready for shipment. These are to accompany four presentation phonographs ordered by Everett Frazar for officials in China, Japan and Korea.

March 18, 90

Mr. Thomas Butler,

Sec'y. N. J. & Pa. Concentrating Wks.,

No. 44 Wall St., New York City.

Dear Sir:-

I am much obliged for your letter of 12th instant, stating that you are sending check for $4,425 in payment of Diamond Drill purchased for N. J. & Pa. Concentrating Works.

Yours truly,

Private Secretary.

March 13th 1898.

Mr.A.MacGruther,

Edison Phonograph Works,

Orange,New Jersey.

Dear Sir:-

I enclose herewith a letter received from Everett Frazar, Esq.,under date of 8th inst.,in regard to presentation Phonographs for various officials in China,Japan and Korea, with directions for plates to be put on each instrument.

Will you kindly go ahead, and have those plates prepared in accordance with Mr. Frazar's directions, and have the four Phonographs (Motor) packed ready for shipment, advising us when they are ready, and we will send you shipping directions. Include with each of the above Phonographs, sufficient extra material to make them good for one year's use, also fifty blank Phonograms,and twenty Musical records such as you have.

You will receive from the factory at Silver Lake,four complete batteries,which are to accompany these Phonographs.

Mr.Frazar desires you to include with each Phonograph, a number of your illustrative and instruction pamphlets,

A.MacGruther No.2.

I have written Mr. Frazar, that it is impossible for us to ship the machines in question this week, and you need take no notice of his instructions, regarding their delivery at Pier 5 North River.

After you are through with Mr. Frazar's Letter, kindly return it to me.

Very truly yours,

Private Secretary.

Make two packages - two phones and two batteries in each

March 13, 90.

Thomas A. Edison, Esq.,

Charlotte, N. C.

Dear Sir:-

I beg to confirm the following telegram sent you this afternoon:-

"Do you intend starting for home to-morrow?

Please reply. A. O. Tate."

Yours truly,

I'd like to have some idea of your intentions so I can talk about writing you. I will be due in Newark Tuesday morning

March 13, 1890

My dear Mr. Edison,-

I enclose herewith a list of all the experiments for which detailed bills have been prepared, with the headings left blank, to be filled in after you return.

Yours very truly,

Thomas A. Edison, Esqr.,

Charlotte, N. C.

List of Experimental Accounts for which Detailed Bills have been prepared to January 1st. 1890.

Multiple Dynamo.	$10783.70.
Telephone Battery.	174.90.
Insulation Experiment.	17043.08.
Converter Experiment.	15.23.
Series Switch.	38.05.
Cheap Dynamo.	33.00
Balancing Box.	215.26.
Dynamo Experiment.	364.35.
Effect of Magnetism on Nervous System.	24.95.
Electro Medical Treatment.	700.43.
Scale for Determining Location of Feeder Mains.	362.11.
Machine for Duplicating Musical Cylinders.	1296.61.
Quartz Balls.	344.31.
Half Size Phonograph.	1097.41.
Cylinders with Plaster Paris Centres.	294.35.
Six Magnet Dipping Compasses and Tripods.	211.33.
Rubber Hose Clamps.	18.35.
T.A.E. Toy Phonograph.	4855.08.
Tools for Mailing Cylinders.	1942.44.
Motor Orange Street Car Rail Road.	10408.40.
Phonograph Experiment.	11138.60.
Pressure Indicator.	1942.90.
Magnetic Pendulum.	1005.46.
Physiological Experiment.	114.02.
Magnet Experiment.	327.16.
Sprague Motor Experiment.	67.03.
Small Motors for Sewing Machines.	182.59.
Alternating Experiment.	482.95.
New Battery Experiment.	15.71.

2nd.

Amount Forward .	$ 85713.61.
Telephone Experiment.	195.86.
Sulphide Silver Experiment.	83.19.
Prospecting Instrument for Iron Ore.	233.19.
Copper and Nickel Ore Experiment.	2407.11.
Chloride of Lead.	3.26.
Cylinder Box.	18.35.
Induction on Glass.	202.57.
Effect of Tinning & Standing upon Conduction Wires.	4.66.
Effect Development of Hydrogen upon Steel.	.32.
Telephone with Huge Transmitter.	8.67.
Insulation Test for Mr. Ismail.	6.19.
Small Motor.	48.98.
Arc Light Experiment.	83.10.
New Body No.3 Toy Phonograph.	550.85.
Alteration Sprague Motor Style 6.	697.85.
Twelve Moulds for Toy Phonograph.	75.87.
Wrought Iron Experiment.	364.22.
Professor Barker.	124.87.
Storage Battery.	188.01.
Carrying Power of Conductors.	1076.30.
Three Transformers Orange Street Car Railroad.	687.34.
Special Cylinders.	291.39.
Cut Out Experiment.	420.73.
Motograph Experiment.	1517.84.
Ethoric Force Experiment.	861.45.
Electric Drill.	822.52.
Phonograph Order of Mr. McDonald.	162.48.
Fire Proof Wood.	36.56.
Small Ampere Meter.	26.80.
Municipal Lamp Cut Outs	9.16.

Amount Forward	$ 76942.39.
Thompson Vacuum Experiment.	13.56.
Volt Meter Experiment.	209.21.
Circuit Breaker.	42.53.
G.P. Zinc.	1015.68.
Insulating Test on Bonsilac.	38.54.
Electric Motor.	10.68.
Two Hard Rubber Shells.	8.67.
Tools for Crayon Press.	62.51.
Photometer Experiment.	28.24.
Calculating Ampere Meter.	20.50.
Insulation of Satin Ferrule.	3.50.
Vulcanite Solvent.	12.95.
Resistance of Wires at Different Temperatures.	165.00.
Experiment on Mains.	817.20.
Cabinet for MR. Lippincott.	67.12.
Electric Car Brake.	1207.86.
Transformer Experiment.	4509.67.
Electro Plating.	4923.84.
Turbine for Phonograph.	1378.15.
Mould for Phonograph Cylinders.	1716.98.
Construction Orange Street Car Rail Road.	4336.21.
Automatic Machine for Dipping Cylinders.	620.18.
Toy Phonograph Experiment.	610.64.
New Street Car Motor Experiment.	414.17.
Respirator for Mr. Liver.	9.85.
Anvil Experiment.	124.78.
Primary Batteries.	265.68.
Magnetic Bridge Experiment.	78.10.
Automatic Regulator for Dynamo.	34.57.
Tools for Toy Phonograph.	6140.23.

4th.

Amount Forward.	104916.39.
Oxydizing Iron Wire.	93.24.
Press for Moulding Toy Phonograph Cylinders.	1374.27.
Magnetic Induction Balance.	141.06.
	106525.05.

March. 14-1890

Edison Phonograph. Works
Orange. N.J.

Ordered by telephone
Mr Frazar to Mr Tate.

Please pack for immediate
shipment the following:-

10 Motor Phonographs
1 barrel Phonograph Blanks
3 Extra Motor Armatures complete
3 " " " Commutators
2 Spectacles with Recorders and Reproducers
3 Extra Main Shafts with Brass Cylinders complete
3 pairs Recorders and Reproducers
Hearing Tubes { 100 Ear Pieces
100 Ys for hearing tubes
30 Springs
30 Rubber End Pieces (Rubber Plugs)

Mark.
Frazar & Co.
Yokohama
E.P.W.

A

N.Y. & O. Ry.
Via Prescott
Care C.P. Ry

Yours truly
[illegible]

Pack 5 N.R.
Number 1.2.3. Consecutively,
Instruct freight man to take receipts to Frazar & Co's
Office Mark gross weights and measurements on cases
Send on bills.

March 14, 1890

March 14, 1890.

Jesse H. Lippincott, Esq.,

No. 160 Broadway,
Jesse H. Lippincott, Esq.,
New York City.

My dear Sir:-

For your information I beg to enclose copy of my telegram to Mr. Glass and copy of his reply. The latter I repeated to you last night, by wire, to #40 West 59th Street.

My dear Sir:-
telegram to Mr. Glass and copy of his reply. The latter I repeated to you last night, by wire, to #40 West 59th Street.

I think our policy is to wait until Glass's letters to Cheever and Gilliland have had time to be delivered, and then notify Cheever that we will not consent to the manufacture of cabinet work being given to Gilliland's people.

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Yours truly,

Private Secretary.

Private Secretary.

C o p y of telegram sent to

San Francisco, Cal., March 1.

C o p y of telegram sent to Louis Glass, No. 323 Pine St.,

San Francisco, Cal., March 2, 1890.

"Deal on division of [illegible]

"Edison [illegible] a[illegible] have agreed with Cheever Gilliland on [illegible] Capital Stock of Slot Company subject to your approval; only obstacle in way of combination being actually effected is that Gilliland insists on furnishing cabinet work, which Edison will not consent to. We want you to use your influence towards getting Gilliland to withdraw this demand; otherwise Edison Lippincott will start manufacture of nickel-slot machine patented by Lombard, which they control. I anticipate your unqualified support. Advise me immediately of your action in this condition. A. O. T a t e."

COPY of Mr. Glass's reply to the above, rec'd. March 13, 1890.

"Gilliland

"You have my hearty support. Have written Cheever and Gilliland to-day. It was understood that latter would annul his contract at any time for sake of harmony. This matter can be adjusted. Do not be hasty. LOUIS GLASS."

March 15, 90

Personal.

My dear Major Eaton,-

With a formal letter I have sent you Balance Sheets of the Edison Phonograph Works, under date January 31st, 1890, and an explanation of the various accounts referred to therein. I would like to call your attention to my explanation of the debit of $6,227.99 shown in Balance Sheet No. 1 against Mr. Edison, and a credit of $25,000, loan, on same sheet. You will find these two explanations in the document which accompanies Balance Sheet Nos. 1 & 2. I call your attention to these, for the reason that they will show Mr. Edison pays cash for the supplies sent to Gourand.

I received yesterday your letter enclosing copy of communication which Gourand read to the Directors of the United Phonograph Company. I am preparing a reply which I will send in to you the first thing Monday morning. This will be complete and will embody all Gourand's original orders for the material which we have billed against him. He cannot get around these.

Yours very truly

March 15, 1890.

John Bell, Esq.,

B e l l e v i l l e, Ont., Canada.

Dear Sir:-

How is the Consolidated business getting along? Can you give us any idea as to when sale of the Bonds will occur?

Yours very truly,

Private Secretary.

March 17th 1890.

Carlos Monteiro e Souza,

Rio Janeiro,

Brazil, South America.

Dear Sir:-

With reference to your letter under date of 16th of December last, I beg to inform you that the goods mentioned therein, were shipped from the Edison Phonograph Works on October 26th, 1889 Via., United States Express Company and Baldwin Brothers and Co's express, and should have reached you in due course.

It is possible that the recent troubles in Brazil, may have had something to do with the detention of these goods, but we hope that you will have come into possession of same, ere this communication reaches you.

Very truly yours,

Private Secretary.

C. A. Conlott, Esq.,

March 17th 90

Care of N. J. & Penn'a. Concentrating Works,

O g d e n, New Jersey.

Dear Sir:-

We have just received the following telegram from Messrs. Weyher and Richemond,

"Condenser is for 300 Size of pipe has been reduced for special purpose Exibition you must put connection pipe 210 Millimeters."

Very truly yours,

Edison Laboratory,

B y

March 17, 1890

Major S. B. Eaton,

120 Broadway, New York City.

Dear Sir:-

In further reference to your letter under date 13th instant, enclosing copy of Col. Gourand's letter under date 11th instant, in regard to bills which I have rendered against him, and in which he enumerates a number of reasons why these bills should not be paid at the present time. I will answer these in the order in which they occur in his communication.

FIRST. Col. Gourand states that none of these invoices have been previously rendered, but fails to note the fact that lists of the material covered by each shipment were forwarded to his office at the time the shipments were made. The greater portion of this material was furnished on regular routine requisitions received from Col. Gourand's office, and it is to be presumed that when the material arrived in London it was checked with the original orders which had been issued for it and against the lists which were sent from here. We have never received any complaint of shortage on these requisitions. What Col. Gourand did not receive, were priced invoices.

SECOND. I acknowledge the receipt of Col. Gouraud's reply, stating that the account would have his attention when he returned to London.

THIRD. The letter and documents which accompany this communication will prove clearly that Col. Gouraud is in error when he states that none of the articles referred to in the invoices were ordered by him, except to the value of $1,000 or $1,500.

FOURTH. The supplies sent to Mexico were furnished to Col. Gouraud's agents. I refer to this matter more specifically in the accompanying letter.

Col. Gouraud states that quite a number of these items are for machinery designed for the manufacture of phonographs in Europe. I never sent him any machinery for the manufacture of phonographs. I sent machinery to the value of about $200 for the manufacture of phonograms, but nothing for the manufacture of the phonograph itself. I have sent Col. Gouraud a credit memo for the phonographs taken to Europe by Mr. Insull. The phonographs and supplies sent to the International Graphophone Company were furnished on Col. Gouraud's order, the original of which is enclosed with documents handed you herewith.

Col. Gouraud states that of the goods ordered by him--all or nearly all--are of very recent shipment, mostly since his arrival in this country. I would call your attention to the fact that a division of the Statement of Account will show that all material

except to the value of about $300, was furnished prior to the 10th of November last.

So far as my request for a settlement of this account is concerned, I do not think that I was unreasonable in assuming that the material forwarded to Col. Gourand and covered by those invoices, had been checked with the requisitions issued in his office, which, as I said before, cover the greater portion of my bill. Any supplies not covered in this manner were the subject of correspondence between Col. Gourand and myself, and so far as I am concerned, are readily identified from memory.

The records which I hand you with this letter, will entirely refute Col. Gourand's charge that many of the items are an "afterthought." Col. Gourand's contract with me commenced in 1887, and it is, therefore, not strange that I commence billing him with material "as far back as 1888."

Yours truly,

Thos. B. Eaton

March 18, 1890.

My dear Glass,-

Very many thanks for your telegram, assuring me that we have your support in connection with our negotiations with the "Nickel-Slot" people. I knew that I only had to ask for this in order to obtain it. The Cheever crowd don't seem to know when they are well off. If there should be any slip-up in these negotiations, it certainly wont be my fault. I have worked hard enough, made every concession possible and have done everything in my power to harmonize the conflicting interests. It now rests entirely with Cheever and Gilliland.

Yours very truly,

Private Secretary.

[illegible]
No. [illegible]
[illegible]

Mch 18/90

Col Geo. E. Gorman
Elston House B
North Ave.
London

Dear Sir:
Enclosed I beg to hand
you credit bills as follows.

1890
Mch 18th Cancelling invoice Oct 6/88 21.63
" " " Feb 23/89 53.65
" " " Jan 27/90 359.90
(by) $ 435.18

Yours
Respectfully,
Thos A Edison

March 18, 1890

Messrs. P. H. Koose & Company,

Cleveland, Ohio.

Dear Sirs:-

I enclose Mr. Edison's check to your order for $50.00, in payment of your bill under date of Feb'y 1st. 1890, for samples of Aluminium furnished to Mr. Edison.

Kindly sign and Return enclosed receipt and oblige.

Yours Truly,

Private Secretary.

March 18, 1890.

Daniel Weld, Esq., Sec'y.,

Edison Phonograph Toy M'f'g Co.,

No. 95 Mill St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"Have received copy Yeomans' last letter sent by you. We learn from Mr. Insull, who has just returned from Europe, that Yeomans is doing your interests an incalculable amount of injury and reflecting discredit upon Mr. Edison personally. His action amounts to nothing less than absolute abuse of the power given him and his impertinent letters and cables to the Company are intolerable. I feel confident that you will cable immediately and sever all connection with him, which is necessary for your own protection and in justice to Mr. Edison. Please advise me when you have done so and do not lose an hour that can possible be saved. A. O. Tate."

Yours very truly,

Private Secretary.

March 19, 1890.

Messrs. Eaton & Lewis,

No. 120 Broadway,

New York City.

Dear Sirs:-

I enclose herewith (1), Agreement between Thomas A. Edison, Felix de Lalande and Georges Chaperon, under date 24th day of August, 1889; (2), Translation of a letter from Lalande to Philip S. Dyer, Antwerp, in which he consents to enlarge Mr. Edison's privileges in connection with the Lalande Battery, as follows: Mr. Edison is permitted to

(a) Manufacture and sell this primary battery for electric lighting uses up to but not exceeding 25 lamps.

(b) To sell but not manufacture the battery in the countries of Canada and Mexico, and in all European countries where Lalande and Chaperon have not already disposed of their rights. The license is not exclusive.

The royalty is to be paid to Mr. Edison at 25 centimes per litre capacity, or fraction thereof, on each cell.

The account of royalty is to be kept in a separate account

Eaton & [illegible] [illegible] March 7th 1890.

From that which accrues under Lalande agreement dated 26th Aug. 1889. There is no guarantee as to amount of royalties on this contemplated new business. It is to be paid just such amounts as may accumulate from actual sales. The cells are to be numbered consecutively. Lalande is to be furnished free of cost with four of each of such types as we may decide to manufacture and sell. Lalande can cancel this license upon three months notice by registered letter.

We have no list of the countries in Europe wherein Lalande has disposed of his rights. If desirable the license can be drawn and a space left for their insertion when the agreement is sent to Paris for signatures of Lalande and Chaperon.

Yours very truly,

Private Secretary.

March 19, 90

Francis R. Upton, Esq.,

Edison Lamp Company,

Harrison, N. J.

Dear Sir:-

In regard to the accounts of the Paris Exposition. As you are aware, a great deal of work was done in the Laboratory, preparing certain of Mr. Edison's inventions for this exhibit. As I understand it, all those directly interested in the Edison exhibit at Paris, pooled the total expenses connected therewith, and divided it up equally. Our expenses outside of the phonograph exhibit have not gone into this pool. Shall I send the bill for them to you, and if not, to whom should I send it?

Yours truly,

Private Secretary.

March 19, 90

Daniel Weld, Esq., Secretary,

The Edison Phonograph Toy Mfg. Company,

495 Milk St., Boston, Mass.

Dear Sir:-

I have confirmed elsewhere my telegram to you of this morning, which is the result, first, of certain information which I have received from Mr. Insull since his return from Europe a few days ago; and, second, the communication addressed by Mr. Yeomans to you as Secretary of the Company, from Paris, under date 2nd instant. Mr. Yeomans' impertinence is simply amazing, and there is only one way in which his communication can be answered,-that is, by severing immediately all connection with him and withdrawing such power as has been conferred upon him. You should instruct Mr. Hutchinson, in London, immediately, to obtain from Mr. Yeomans any documents that he may have, giving evidence of his connection with the Toy Company, and I particularly want you to obtain from him the letter which I gave him accrediting him from Mr. Edison. He should have his power sent shamefully [illegible] Mr Edison in [illegible] connection with Mr. Yeomans,

but knowing as I do that the Directors of the Toy Company will, with myself, realize the foolishness of continuing these unpleasant and unprofitable relations, I preferred that they, instead of Mr. Edison, should act. This is a matter that will admit of no delay, and I hope to-morrow to receive from you a telegram to the effect that you have taken these very necessary steps to rid the Company of so unworthy a representative.

Yours very truly,

Private Secretary.

March 20,1890

Mr. Thomas Lawlor, Treas.,

N. J. & Pa. Generating Works,

Pine Hall Bldg, New York City.

Dear Sir:-

I enclose herewith Mr. Edison's check No. 30, on Central, Morton & Co., to the order of the N. J. & Pennsylvania Generating Works, for $3,300, in payment of the last call made on Mr. Edison on account of his subscription to the stock of your Company. Kindly acknowledge receipt, and oblige

Yours truly,

Private Secretary.

March 20, 1890

Wm. M. Burrows, Esq.,

No. 18 Broadway,

New York City.

Dear Sir:-

I enclose herewith Consular Invoice in connection with shipment of 300 h. p. engine and Condenser made to Mr. Edison by Messrs. Weyher & Richemond, from Havre. This was returned to us by Messrs. Perry & Ryer, who obtained it, together with other papers relating to certain of Mr. Edison's foreign shipments, from the Merchants' Despatch Transportation Co. The latter concern state that they handed all the papers received by them from Weyher and Richemond to Messrs. Perry & Ryer, who inform us that the invoice handed you herewith is the only paper they can find for which they have made no entry. Please inform me if this invoice will enable you to cancel your bond at the Custom House, or if there are other papers missing.

Yours truly,

Private Sec'y.

March 20, 1890.

W. M. Burrows, Esq.,

No. 18 Broadway,

New York City.

Dear Sir:-

I return herewith two Owners' Oaths duly signed and sworn to before Notary Public by Mr. Edison, the same having been enclosed with your letter of 6th instant for that purpose.

Yours truly,

Private Secretary.

March 20th 1890.

Daniel Weld, Esq., Sec'y.,

Edison Phonograph Toy Manufacturing Co.,

#85 Milk Street, Boston, Mass.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us on 19th instant:

"Can you meet Directors tomorrow or next day. Shall cable Yeomans to-day to stop negotiations."
(Signed.) Daniel Weld, Secretary.

" I will meet Directors Saturday. Cannot get away before."
(Signed). A. O. Tate.

Very truly yours,

Private Secretary.

March 20, 1890

Mr. A. MacGruthar,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

I am going to Boston to-morrow (Friday) night, and will not be here on Saturday. Please have prepared to-morrow such checks as you require me to sign in connection with your pay-roll.

Yours truly,

March 27/90

My Dear Southern

Mr Insull wants our friend Adams to post himself thoroughly on the phonograph - See letter to me from Mr I. which please return.

The best place for Mr Adams is in the testing room where a week's experience will make an expert of him. He should also go through some practical experience in the Assembling room, and wants to take

a Machine home to work on at night.

He will tell you exactly what he wants and I have told him you will give him every facility.

[illegible]

March 20, 1890.

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

Referring to the attached letter from Mr. MacGruthar, under date February 21st, 1890, addressed to yourself, the same being a reply to a communication written by you in London, in which you complained of a lack of proper advices covering shipments forwarded on Col. Gourand's orders, and in which Mr. Mac Gruthar says: "On behalf of the Phonograph Works and myself I reply to your favor of the 6th instant, although I do not see that they are, or I am, in any way implicated," I beg to say that during the past week I have had occasion to make a very thorough investigation of Col. Gourand's relations with the Laboratory, the Edison Phonograph Works, and I have found that up to about the 1st of May, 1889, all Col. Gourand's orders for material were addressed to the Laboratory, and our records show that advices of these shipments were promptly forwarded to the London office. After that time, the orders were sent direct to the Edison Phonograph Works, and the only advice the Laboratory received of the existence of

Samuel Insull, Esq., March 20, 1890.

such orders, were the bills rendered against Mr. Edison by the Works. While I was in London the people in Col. Gourraud's office complained to me of the nonreceipt of advices of shipments, the same as they did to you, and upon my return from Europe, I made inquiry and found that the Laboratory understood that the Phonograph Works were advising their own shipments, and that the Phonograph Works had equal confidence in the Laboratory. From the period of my return from Europe our letter books again show that shipping advices were forwarded immediately we received invoices from the Phonograph Works. In the set of bills which I sent to London, I attached to each invoice a copy of the advice which had been sent, and these are complete before the 1st of May, 1889 and after the 15th of October, or thereabouts. I found at the Works that all Col. Gourraud's orders for material had been filed in a most unsystematic manner, in their letter files, and that the letters from Hamilton and others in Col. Gourraud's office, asking for information generally were pigeonholed in Mr. English's desk. Until I commenced this investigation I was totally unaware of the justice of the complaints made by Col. Gourraud's people of their inability to obtain information from us. Their usual method of addressing their letters was, "The Manager of the Edison Phonograph Works, Orange." These letters never reached the Laboratory, but went direct to the Works, where they appear to have been systematically neglected. From the very commencement of Mr. Edison's

relations with Col. Gourand, I have been very careful of the manner in which his direct business with us was conducted, and there is not a single communication from Col. Gourand's office, addressed to the Laboratory, but which was replied to as fully as was possible. From a remark you made when in my office yesterday, I think you have an idea that the letters from Col. Gourand's office were handed by Mr. Edison or someone else to the Phonograph Works to be replied to there. This is not so. The correspondence which was neglected was addressed direct to the Works and this office had no knowledge of it until I commenced my recent investigation. Mr. MacGruther, personally, is entirely blameless, but the same cannot be said of the Phonograph Works. The trouble has been their utter lack of system.

Yours very truly,

March 20, 1890.

Samuel Insull, Esq.,

No. 44 Wall St., New York City.

Dear Sir:-

I am in receipt of a letter this morning from the Secretary of the Edison Phonograph Toy Mfg. Co., in which he says:

"This afternoon we cabled Yeomans, Paris, You will abandon all further attempts to make sales. Letter to follow."

I have telegraphed the Boston people that I will meet the Directors on Saturday.

Yours very truly,

March 20, 90

Everett Frazar, Esq.,

No. 134 Water Street,

New York City.

Dear Sir:-

Referring to my letter under date 8th instant, enclosing statement of your account, amounting to $2,361.43, will you very kindly send me a check for all or a portion of this amount, so that the same will reach me on Saturday next, and very much oblige

Yours truly,

Rob R. Elmore

March 20, 1890

Major S. B. Eaton,

No. 120 Broadway,

New York City.

Dear Sir:-

Referring to two letters which I wrote you under date 17th instant, in regard to Col. Gourmud's account, the Edison Phonograph Works have this morning handed me two of Col. Gourmud's original orders which should have been enclosed with my communications above referred to. They relate to items in the Gourmud account as follows:

Invoice, Nov. 6th, 1889--------$118.28

Enclosed please find Col. Gourmud's original order No. 115, under date Sept. 21st, 1889, covering this shipment.

Invoice, Oct. 26th, 1889-------$44.30

Please find enclosed Col. Gourmud's original order No. 264, under date Oct. 9th, 1889, and postal card signed by J. Lewis Young, Col. Gourmud's Manager, not dated by him, but bearing London Post Office stamp Oct. 10, 1889 and New York P. O. stamp Oct. 20, 1889, which together with the last mentioned order covers shipment referred to in this invoice.

Yours very truly,

Thos. A. Edison

March 20, 1890

Messrs. Waterhouse, Winterbotham & Harrison,
No. 1 New Court, Carey St., Lincoln's Inn,
London, W. C., England.

Dear Sirs:-

Referring further to your letter of 8th February last, I return herewith Assignment by Thomas A. Edison to The Australasian Electric Light, Power and Storage Co., Limited (date left blank) of certain Patents not included in first Assignment, duly executed by Mr. Edison. Please acknowledge receipt of same, and oblige

Yours truly,

Private Secretary.

March 20, 90.

Mr. Wm. M. Burrows,

18 Broadway,

New York City.

Dear Sir:-

Referring to your telephone conversation of this afternoon with Mr. Maguire, I enclose herewith letter under date 14th Feb., 1890, rec'd. by Mr. Edison from Messrs. Weyher & Richemond, to the effect that they sent on 12th ult. the necessary pieces to make an addition to the engine furnished by them some little time ago. I attach hereto a translation of the letter in question. I also enclose a cablegram under date 4th inst., rec'd by Mr. Edison from the same parties, stating that "purgeur" went forward March 4th. These are the only advices we have received in regard to this matter; kindly return the same after you are through with them.

Yours truly,

Private Secretary.

February14th, 1890.

Translation to letter addressed to T. A. Edison,

"We have considered it necessary to place the greasers upon the piston rods on the machine 600 horse power, according to the design have approved, and we have sent you on the 12th instant, the necessary pieces to make this addition to your machine,

It is necessary, to maintain the piston rods always perfectly greased.

Weyher.

March 20, 90

Orange Nat'l. Bank,

Orange, N. J.

Dear Sir:-

I enclose herewith check for $12, with which please credit my account.

Yours truly,

March 20, 1890

Confirmation of telogram sent by Mr. Edison to Mrs. Edison 19th instant:

"Mrs. T. A. Edison Orange, March 19, 1890.

Charlotte, N. C.

Arrived safe; everything in good shape; big snow storm commenced last night; love to all

Edison."

March 21st 1890.

Dear Master Hoffman:-

I beg to confirm the receipt of your cablegram received from Berlin on 17th instant as follows:-

"Phonograph works wonderful Sending letter. Hoffman."

Very truly yours,

To Master Josef Hoffman,

Potsdamer, Strasse 64,

Berlin Germany.

March 21, 1890.

George M. Hopkins, Esq.,

"Scientific American,"

361 Broadway, New York City.

Dear Sir:-

With reference to your letter of 14th instant, the proofs, sketches and memoranda of your second article on The Scientific Use of the Phonograph, mentioned therein, were handed to Mr. Edison, who says that they are all right, to which effect you were telephoned to-day.

Yours truly,

Private Secretary.

March 21, 1890

Daniel Weld, Esq., Secretary,

Edison Phonograph Toy Mfg. Company,

No. 95 Milk St., Boston, Mass.

Dear Sir:-

We beg to acknowledge receipt of your telegram of to-day to Mr. Tate as follows:

"Directors meet to-morrow eleven o'clock; rely upon your presence. Daniel Weld."

In reply to which we wired you as follows:

"Mr. Tate leaves for Boston to-night.

Edison Lab'y."

Yours truly,

Edison Laboratory.

By

March 21, 1890

J. C. Henderson, Esq.,
Acting Engineer-in-Chief,
United Edison Mfg. Co., 44 Wall St., New York.

Dear Sir:-

Mr. Edison has received your letter of 17th instant, embodying report on Buffalo canvass, and desires me to say in reply that he considers the 5th and 6th classification unnecessary.

Yours truly,

Private Secretary.

March 21, 1890

W. S. Mallory, Esq.,
No. 7 West Randolph St.,
Chicago, Ills.

Dear Sir:-

Mr. Edison has read your letter of 18th instant, and says in reply that, you had better get mill in running order soon as possible, make a test of it for few days to see all is right; get all the data and then shut down; then as soon as snow is gone and weather favorable, he will come with expert and go over the ranges.

Yours truly,

Private Secretary.

March 21st 1890.

J. N. Johnston, Esq.,

Hoffman House, New York City.

Dear Sir:-

I beg to confirm the following telegram sent to you this morning, in reply to your telegram of 20th instant:

"Have just received your telegram. Regret cannot see you to-day, as I am obliged to go to Boston.

A. O. Tate."

Yours truly,

Private Secretary.

March 21st 1890.

Eugene H. Lewis, Esq.,

Care Kens. Eaton & Lewis,

No. 120 Broadway, New York City.

Dear Sir:-

I beg to confirm the following telegram sent you this morning, in reply to your letter of 19th instant.

"Mr. Edison suggests that you see him on Sunday, in regard to Welch case.

A. O. Tate."

Yours truly,

Private Secretary.

March 21, 1890

A. B. Dick, Esq.,
152 - 154 Lake Street,
Chicago, Ills.

Dear Sir:-

In reply to your letter of 15th instant, Mr. Edison has a process for making carbon paper. At present, however, it is impracticable for him to give any attention to this subject, he has so many other important matters on hand.

Yours truly,

Private Secretary.

March 21st 1890.

Mr. C. E. Robins,

A l v a, Florida.

Dear Sir:-

Mr. Edison has asked me to thank you for your Postal Card of 18th instant, calling his attention to an advertisement which appeared in the Fort Myers Press, announcing the sale of his land, on account of unpaid taxes, for 1890.

This matter is having our attention.

Yours very truly,

Private Secretary.

March 27th 90

Frazer & Co.
124 Water St New York
Dear Sirs.

Below I beg to hand you particulars of shipment of four Phonographs.

Shipped by Wells Fargo & Co. Express C/o Cun S.S.R. for Yokohama.

Case No. 1 contains 2 Batteries 215 lbs. 17 5/8 cubic ft
" No 2 " 2 Phonographs 230 " 7 ft " "
" No 3 " Blanks & musical records

	lbs	
For the Emperor of Japan and the King of Corea.	505.	5. .
		30. .

Shipped by Wells, Fargo & Co C/o Cun S.S.R. 3 cases for Shanghai.

Case No 1 contains 2 Batteries, 215 lbs 17 5/8 cu. ft.
" No 2 " 2 Phonographs 230 lbs 7 ft " "
" No 3 " Blanks & musical record

	lbs	
For Li-Tung-Chang and Tseng-Kuo-Chang	505.	5. cu. ft.
		30. .

Yours truly
Thos. A. Edison

March 22, 1890

Mr. Thomas Butler, Secretary,

N. J. & Pa. Concentrating Works,

#44 Wall St., New York City.

Dear Sir:-

I beg to acknowledge receipt of Certificate No. 51 in the name of Thomas A. Edison, for 33 shares of the Capital Stock of the New Jersey and Pennsylvania Concentrating Works, the same having been enclosed with your letter of 20th instant.

Yours very truly,

Private Secretary.

March 22, 1890.

Mr. William R. Hibble,

Myers, Florida.

Dear Sir:-

I enclose herewith Mr. Edison's check No. 2722, to your order, for $250. This check in t o cover the $100 asked for in your letter of 11th instant to pay State and County taxes, and the $150 requested in your letter of 14th instant for the purchase of paint &c. Kindly acknowledge receipt, and oblige

Yours truly,

Private Secretary.

March 22, 1890

Everett Frazar, Esq.,

No. 124 Water Street,

New York City.

Dear Sir:-

I return herewith, for your signature, check No. 774, for One Thousand Dollars, which came to hand this morning with your letter of 21st instant, unsigned. Please return the check with your signature by bearer.

The invoices in triplicate of the presentation phonographs will be mailed to you to-day.

Yours truly,

Private Secretary.

March 22, 1888

Samuel Insull, Esq.,

#41 Wall Street,

New York City.

Dear Sir:-

I have your letter of 20th instant, which was handed to me by Mr. M. F. Adams. I sent Mr. Adams to the Phonograph Works, with a letter, and he will be furnished there with every facility for familiarizing himself with the phonograph.

Yours very truly,

March 22,90

Prof. S. P. Langley,

Smithsonian Institution,

Washington, D. C.

Dear Sir:-

Reply to your letter of 3rd instant has been delayed owing to the absence of Mr. Edison, who has just returned from the South, where he had been for several weeks past.

We are sending you by express to-day two (2) chalk cylinders. Before using these, take a beaker of distilled water, immerse the chalk roller with shell or sleeve for three minutes by the watch; then place them under a bell jar or tumbler, allowing them to stand for 24 hours; this will cause them to sweat. When using take care not to touch them with fingers, and use palladium strip that rests on chalk. We have included in the box a small camel hair brush, with which to moisten the roller once every two days with about 4 or 5 drops of water.

Yours very truly,

Private Sec'y.

Letterbook, LB-039

This letterbook covers the period March-April 1890. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison and Charles Batchelor. Many of the documents relate to the manufacture and marketing of the phonograph and talking doll. Included are letters about the coin-operated phonograph, the operations of the recently organized Edison United Phonograph Co., and a plan to record the voice of British Prime Minister William E. Gladstone. Other letters concern the phonoplex system, mining and ore milling, electric lighting, and the Edison-Lalande battery. Some of the letters pertain to the stock transactions of the various phonograph and electric light companies. Included also are letters to the firm of Dyer & Seely regarding patent applications and other patent matters. The book contains 499 numbered pages and an index. Approximately 40 percent of the book has been filmed.

March 22, 90.

Wm. M. Burrows, Esq.,

18 Broadway, New York City.

Dear Sir:-

I beg to send inclosed the following telegram sent you this morning:-

"Weyher and Richmond cable that greasers and invoice left on NORMANDIE 22nd ult. We have not received invoices. A. O. Ts.to."

Immediately upon receipt of cablegram from Messrs. Weyher and Richmond this morning, I telephoned the Merchants Despatch Transportation Co., thinking that they might possibly have the invoice for this shipment, the papers in connection with other consignments having passed through their hands, but they informed me that they had not received the papers in question.

Yours truly,

[illegible] Secretary.

Mar. 22, 1850.

Messrs. W. S. Mallory & Co.,

7 W. Randolph St., Chicago, Ill.,

Gentlemen:—

I have your letters of March 14th and would say that we are pushing forward with your magnets and coarse contact machine. We have altered the face of the magnets for the present contact machine so as to conform to what Mr. Dickinson thinks Mr. Sparks would want. As soon as we get this ready shall be able to make you a shipment of that with the magnets.

In regard to the dynamo for driving your machines, we should advise you to take a No.12 instead of a No.10. It is a little more costly, but you have then a reserve of power instead of working to full capacity.

I have written to Mr. Thrall in regard to this and will let you know in a day or two what has been done about it.

A No. 10 machine has a capacity of 200 amperes, and of course will run more than fully loaded. The No.12 has a work ing capacity of 300 amperes. Your machines 11 run off of one will require at all times 270 amperes.

Very Truly Yours,

Mar. 22, 1890.

Samuel Insull Esq.,

P. E. President,

66 Wall St., N.Y.C.,

My dear Insull:-

Mallory, who as you know is interested with Mr. Edison in ore milling in Michigan, will want a machine for driving his ore milling magnets. I have advised him to get a No. 12. Do you supply that company with the machine at the same price as you sent it to Edison for that purpose? If so, you can send one immediately by freight to W. S. Mallory & Co., No. 7 West Randolph St., Chicago, Ill. If you do send it, please have him notified of the shipment, as he is making up carload lots in Chicago to go up to the mine.

Very truly yours

Mar. 22, 1890.

The New York Belting & Packing Co.,

New York City.

Dear Sirs:—

I understand from Mr. Mallory of Chicago that he has ordered some 78 inch Belts in rubber from you for certain machines that he is making in Chicago. I wrote him that I should probably order my belts also from you. I, however, want them 60 inches wide. Could you make these and at what price for same length as ordered by Mr. Mallory?

Yours very truly

March 22nd 1900.

Mr. A. Macdruther,

Edison Phonograph Works,

Orange, New Jersey.

Dear Sir:-

I have your letter of 18th instant, in regard to sending a formal order to the Phonograph Works, covering each requisition for material from the Laboratory and Silver Lake, and note what you say in relation thereto.

The recent investigation that I had to make at the Phonograph Works, in connection with Col. Gouraud's account, proved to me quite clearly the necessity of adopting new methods, so as to assure all shipments of material being recorded in a proper manner, and I will issue instructions in accordance with your suggestions.

All Col. Gouraud's orders for material were filed in the Phonograph Works' letter file. This is a very bad method. All orders for machines and supplies should be numbered consecutively, and filed as "Orders," and not as "Letters," so that we would be able to trace those numbers on the open records in the office; the receipts in your shipping book, should give a reference to the

March 22nd 1899

. Macdrother. -2-

requisition on which the goods were shipped.

I would like you to put those suggestions into practice with as little delay as possible.

Very truly yours,

Secretary.

March 23rd 1890.

Mr. W. G. Logue,

Care of Postal Telegraph-Cable Company,

Chicago, Illinois.

Dear Sir:-

I have your letter of 19th inst., referring to a conversation which you recently had with a "prominent Telegraph Official" in regard to Battery and Phonoplex, and I note all that you say in relation thereto.

So far as the Phonoplex is concerned, we are getting so mighty little out of it now, that there is hardly enough to divide amongst one, and we cannot afford to tip the Superintendents.

With the Battery business, however, we can do something, as there is a little margin on this, and I will send you a list of the discounts [commission] which we can allow on this business.

Very truly yours,

Electrician.

March 22nd 1890.

Edwin W. Huber, Esq.,

No. 73 Rowland Street,

N e w a r k, New Jersey.

D e a r S i r:-

With reference to the attached bill, which was enclosed with your letter of 14th instant, I know of no arrangement whereby we were to pay the cartage on the Apparatus delivered to the Lennox Lyceum.

Mr. Edison agreed to loan this material for Exhibition there, and the least the Exhibitors can do, is to take them to wherever they ought to be placed on Exhibition.

Please let me hear from you in regard to this matter, at your earliest convenience, and much oblige,

Yours very truly,

Private Secretary.

March 22nd 1900.

Francis Upton, Esq., Gen. Manager,

Edison Lamp Co.

Harrison, New Jersey.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 20th instant, in regard to expenses of Paris Exposition.

Upon further investigation I find, that the bills referred to in my letter to you under date of 19th instant, are not chargeable to the General Account, but are to be borne by Mr. Edison Personally.

Very truly yours,

Private Secretary

March 22nd 1890.

Prof. Harris J. Ryan,

Cosmopolitan Hotel,

New York City.

Dear Sir:-

In reply to your letter of 19th instant, asking permission for a party of Cornell students to visit the Laboratory, on the 27th instant, I beg to inform you that I submitted your communication to Mr. Edison, and he regrets very much, that it is impracticable for him to grant your request.

Mr. Edison is conducting a great many experiments here, for different companies, and they, having heard of several parties of visitors to whom had been extended the privilege of inspecting the Laboratory, objected very strongly to this practice being continued, and in deference to their wishes, Mr. Edison decided to exclude all visitors.

There is no Institution, in whose favor Mr. Edison would be more willing to make an exception, than the Cornell University, and he regrets exceedingly, that he cannot see his way clear to grant the permission asked for on behalf of the students now on their annual tour of inspection.

Very truly yours,

Private Secretary.

March 22, 90

Mr. A. MacGrutcar,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

In regard to shipment of material from the Phonograph Works. In future I want notifications of shipment covering goods forwarded on Mr. Edison's account sent direct from the Phonograph Works, instead of from the Laboratory, as heretofore.

Yours truly,

Private Secretary.

March 23, 1890.

Mr. Thomas Butler,
No. 44 Wall Street,
New York City.

Dear Sir:-

Mr. Tate has handed to me the enclosed bundle of papers, with the request that I return them to you with a statement from myself.

Your memorandum to Mr. Insull dated February 24th, 1890, indicates quite clearly that the telephone message which was transmitted from your office February 21st, and to which I took exception, was intended for the Laboratory, and not for me personally. This being the case, my letter of 22nd of February, addressed to yourself, should never have been written, and I have been convinced of its impropriety and now desire to withdraw it.

The remarks contained in the document in question reflecting upon yourself, were written under a misapprehension, in a parenthesis of anger, when reason had struck a wrong scent, and I concede that there was no justification for them.

From the papers sent you herewith I have extracted the offending epistle, in the belief that it is the proper thing to do, and I regret exceedingly any annoyance which it may have caused you.

An acknowledgement of this communication in the shape of a declaration from yourself to the effect that you are perfectly satisfied with my action in the matter (or if not, indicating what it looks to render you so) would, I think, be a good ending to a most unfortunate squabble which should never have occurred, and would be received with much satisfaction by

Yours truly,

Thos. Maguire.

Mar. 24, 1890.

Mr. Brennan,

care of New Jersey & Penna.

Concentrating Co., Ogden, N.J.,

Dear sir:-

I enclose you a blueprint of the dust separator on which I have marked on both views of the machine the dust receiver. It is not necessary to keep this as low down as this. It could be raised up to any position that you want. You will see the discharge of the iron is over the top of the drum at the back of the machine. You can make any receptical you please to catch that.

The drawing shows the main pulleys as being 36" in diameter. These however, will only be 24 inches as requested by Mr. Livor some time ago.

Yours very truly.

C. Batchelor

March 24th 1890.

General Manager,

United Railroad Congress of Russia,

St. Petersburg, Russia.

Dear Sir:-

I beg to confirm the following Cablegram received from you on the 6th instant:

"The representatives of all the Railroads of Russia, assembled by kind invitation of Mr. Block, to witness a demonstration of your perfected Phonograph- tender their heartfelt sympathies to this your wonderful discovery- they feel impatient to be enabled to put same into practical use. General Manager of United Railroad Congress of Russia. Tscheromissinoff."

Very truly yours,

Thos. Edison

March 24th 1890.

General Manager,

United Railroad Congress of Russia,

St. Petersburg, Russia.

D e a r S i r:-

Mr. Edison has asked me to thank you for your cablegram, (confirmed elsewhere), under date of 6th instant, in regard to the Phonograph sent on behalf of the representatives of the Railroads in Russia, which he received in due course.

He appreciates very much the interest which the public is taking in his invention, and your kind message was received by him with much gratification.

Yours very truly,

Private Secretary.

March 24th 1890.

Campbell Scott, Esq.,

No. 429 Main Street,

Louisville, Kentucky.

Dear Sir:-

In reply to your letter under date of February 12th 1890, which was submitted to me upon my return to Orange a few days ago, I would say that, from experiments carried on in the State of New York, with animals, I am certain that it would require the services of an expert electrician, and good conditions, to produce death with 500 Volts of continuous current; but 700 Volts is the limit to which it should be used, in connection with overhead wires, in all cities where there are many wires.

Yours very truly,

Thos. A. Edison

March 24th 1890.

J. H. Block, Esq.,

Moscow, Russia.

Dear Sir:-

I have received your letter of 20th of February, acknowledging the receipt of my cablegram, in which I notified you of the departure from New York of the Phonograph for presentation to the C Z A R. I note, with pleasure, your efforts in connection with the Phonograph, and the interest which the people in Russia are taking in my invention.

The Phonograms mentioned in your letter, have not yet reached the Laboratory, but they will doubtless come to hand in due course, and will be received with much pleasure.

Yours very truly,

Pg. 34 I did not receive the cablegram which you refer to as having been sent by the President of the Technical Society (Imperial) in Moscow, asking me to accept honorary membership in said Society.

March 24, 90

W. H. Burrows, Esq.,

No. 18 Broadway, New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 21st instant, returning original letter of A. Weyher, Pantin, dated Feb. 14th, 1890, also cablegram of same date.

I have also received your letter of 23d instant, and note that you will continue the search to-day for the missing package. Please telephone me upon receipt of this whether your search has been successful, and if not, I will cable Weyher & Richemond again. I would have cabled to-day for the Consular invoice and bill of lading, but before doing so, desire to know if the package has arrived, so that in case it has not, I may cover it in my cable.

Yours truly,

Private Secretary.

March 24, 1890

Everett Frazar, Esq.,

No. 124 Water Street,

New York City.

Dear Sir:-

Referring to your letter of 21st instant addressed to Mr. Edison, will you kindly inform us as to the number of defective cylinders which had to be destroyed, also the amount claimed for extra expressage in connection with the Churchill goods occasioned by wrong shipment, and very much oblige

Yours truly,

Private Secretary.

March 24, 90.

W. H. Stewart, Esq.,

c/o Edison General Electric Company,

44 Wall St., New York.

Dear Sir:-

I have your letter under date 20th instant, and accept the proposition which you make therein on behalf of the Standard Electric Company, of Detroit, Michigan, relative to installing in my Laboratory, 125 cells of Lorain's Secondary battery, for practical test in connection with the phonograph, lighting &c., &c.

Yours truly,

Thos. A. Edison

March 24, 189

Samuel Insull, Esq., Gen'l. Manager,

The Edison Machine Works,

44 Wall Street, New York City.

Dear Sir:-

I have your letter of 22nd instant, enclosing extract from a letter received by you from Mr. H. Ward Leonard, with relation to carbon brushes, and in reply would say that I am very much opposed to the use of these brushes, except where it is actually necessary. Good copper brushes with fair attention are the best that can be devised; but, where no attention can be given and load suddenly varies, or where there are ignorant, careless attendants, then carbon (~~ought to~~ might) be used. I have always stated that instead of carbon the German silver connection wire between commutator and armature is the most perfect device known to stop sparking when load varies.

Yours very truly,

March 25, 90

George F. Kunz, Esq.,

New York City.

Dear Sir:-

Your letter of 25th instant to Mr. Edison, is at hand, and I have much pleasure in enclosing herewith his check for One Thousand Dollars, in settlement of your account. Please sign and return the enclosed receipt.

Yours truly,

Private Secretary.

Mar. 25, 1890.

Mr. A. Arango,

Treasurer of Edison Spanish

Colonial Light Co.,

71 Broadway, N.Y.C.,

Dear sir:--

I have yours of March 14th. I have not succeeded yet in locating any of the books I spoke to you of, but hope to be able to do so in a few days, when I will either send them to you or let you know where they may be secured.

Yours very truly

C. Patelzer

March 25, 1890

Col. George E. Gournud,

No. 74 Madison Avenue,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your message transmitted by telephone yesterday, to the effect that you have an important communication from Mr. Gladstone intended to be delivered through the medium of the phonograph before a meeting of the Executive Council of the Working Men's Co-operative Building-Loan Associations of the United States, to be held in the Board Room of the Equitable Life Association either Thursday or Saturday afternoon, and, as Chairman of the Committee of Arrangements, inviting me to be present; also requesting that a phonograph of the most perfect condition, together with other material, be prepared immediately, and addressed to you at the Board Room of the Equitable Life Association, #120 Broadway, New York.

I hardly think it will be possible for me to be present on the occasion in question. I will, however, send an Expert, together with two machines and all necessary appliances for reproducing Mr. Gladstone's speech. Please notify me as early as possible in regard to the day and hour when the meeting is to take place.

Yours very truly,

March 25, 1890

Samuel Insull, Esq.,

[illegible] Wall Street,

New York City.

Dear Sir:-

I beg to confirm receipt of the following telephone message received from your office to-day:

"Mr. Insull has made an engagement for yourself to meet Mr. Lippincott, Mr. Cheever and Mr. Insull at Lippincott's office Thursday morning at 11 : 30 o'clock."

I will be at Mr. Lippincott's office on the day and hour named.

Yours very truly,

March 25th 1890.

Major S. B. Eaton,

No. 120 Broadway, New York City.

D e a r S i r:-

We are receiving right along from Colonel Gouraud's office in London, orders for supplies for the Phonographs which are in use over there. These orders are, in themselves, small, such as, Rubber Ear Pieces, Glass Diaphragms, etc., but before recognizing any of them, I should like to know from you, if such action could in any way complicate Mr. Edison's relations with the Edison United Phonograph Company.

The last order received from Colonel Gouraud's office, is dated March 15th 1890.

Very truly yours,

Private Secretary.

March 25, 90.

Wm. M. Barrows, Esq.,

No. 13 Broadway, New York City.

Dear Sir:-

I am much obliged for your telephone message of to-day, informing me that you have discovered the missing material shipped by Weyher & Richemond to Mr. Edison, amongst a number of unclaimed packages at the Custom House, and that you will have the same forwarded to Ogden at once, paying the duty in connection therewith, and rendering bill for same to Mr. Edison, all of which is satisfactory.

Yours truly,

Private Secretary.

Mar. 25, 1890.

Mr. H. Ward Leonard,

65 5th. Ave., N.Y.C.,

Dear sir:—

I wish you would send me a set of your different pamphlets that you use in your business, for house wiring and general information on installation work.

If you have them right at hand, you might be kind enough to let one of your boys leave them at my house, some night when he is on his way home. If you can do this, I should be much obliged.

Very truly yours,

C. Applebor
Jr

Mar. 25th. 1890

Mr. W. S. Mallory,

7 West Randolph St.,

Chicago, Ill.,

Dear sir:--

I have your letter of March 22nd.. I will ship you immediately enough magnets to complete two machines with one or two over.

The coarse contact machine I have had taken apart, and I have lengthened the poles to suit the ideas of Mr. Swartz and Mr. Dickson. This I will also send along at the same time as the magnets.

I should have had the whole of the magnets done long since, but I have had to await the wire.

Very truly yours,

C. Ratzlaff

P.S.--Will notify you as soon as shipment is made.

March 25,90

Archibald, Esq.,

Adams House, Boston,

Mass.

Dear Sir:-

I beg to confirm receipt of your telegram of to-day to Mr. Edison, as follows:-

"Is Edison in Orange? If not, where is he and when returning? Archibald."

In reply to which I wired you as follows:-

"Mr. Edison will be at the Laboratory to-morrow.

A. O. Tate."

Yours truly,

Private Sec'y.

March 25th 1899

M. D. C Hamilton, Esq.,

Care Edison Phonograph Company,

Northumberland Avenue,

London, W. C. England.

My Dear Hamilton:--

Your letters under date 6th instant to Mr. Edison and myself, in regard to the Ore Milling business in New Zealand, have been received. Is not the syndicate to which you refer, one with which Sir John Pender is identified.

Mr. Edison has had some correspondence with Sir John Pender on this same subject. If you have the information, kindly let us know who the people are.

Yours very truly,

Private Secretary.

Francis R. Upton, Esq., Gen'l Manager,

March 25th 1890.

Edison Lamp Company,

Harrison, New Jersey.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 22nd instant, enclosing bond from the American Surety Company, indemnifying Mr. Edison against liability on his bond given in behalf of the United Edison Manufacturing Company, upon replevying the plant at South Amboy, N. J.

I will place this document in our safe.

Yours very truly,

Private Secretary.

March 25th 1890.

Mr. William A. McCulloch,

Greenbush, Rensselaer County,

New York.

Dear Sir:-

Mr. Edison has received your letter of the 11th instant, directing his attention to a mining property in North Carolina, in which you hold a half interest.

Mr. Edison would like you to name a price for which you would be willing to dispose of this property. If it is not too high, he will send an expert to examine the mine.

Mining property in North Carolina is scarcely worth more than the regular land price per acre for tract.

Yours very truly,

Priv. Secretary

March 26, 90

Daniel Weld, Esq., Secretary,
Edison Phonograph Toy Mfg. Company,
No. 95 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you 24th instant:-

"We object to Allion sending wax rings to Yeomans. Kindly confirm quick. A. O. Tate."

Yours truly,

Private Secretary.

March 26, 90.

Wm. Wheeler Hubbell, Esq., President,

The White Cross University of Science,

Washington, D. C.

Dear Sir;-

Your letter under date 5th ultimo, enclosing Certificate of The White Cross University of Science, conferring upon me the Degree and Symbol of the White Cross of the Legion of Honor, was received during my absence in the South and handed to me upon my return to Orange a few days ago.

This Certificate has been received by me with a great deal of pleasure, and I appreciate very highly the action of your University.

Yours very truly,

Thomas A. Edison

March 28, 90.

Messrs. Dyer & Seely,

No. 40 Wall Street, New York City.

Dear Sirs:-

On the 15th February last I addressed you a letter, requesting you to obtain for me a copy of U. S. Patent No. 263, 140. I have not yet received this document. As reply to an important communication is being delayed pending the receipt of copy of patent mentioned above, I shall be obliged if you will procure it as soon as possible and forward it to the Laboratory.

Yours truly,

Private Secretary.

Answered

March 26, 1890

Major S. B. Eaton,
No. 120 Broadway, New York City.

Dear Sir:-

Referring to your letter under date January 25th to Mr. Edison, in regard to certain patents which the Compagnie Continentale Edison decided to drop, and to my reply to same dated Feb. 12th, enumerating the patents which Mr. Edison desired kept in force, will you kindly inform me what action you have taken in regard to this matter, and also please send me, for our files, a copy of your letter to the Cie. Continentale Edison on this subject, and very much oblige

Yours truly,

Secretary.

March 23rd, 1890.

George W. Clapp, Esq.,

No. 373 Atlantic Avenue,

Boston, Massachusetts.

Dear Sir:-

In reply to the question propounded in your letter under date of 12th instant, addressed to Mr. Edison, would say:- At the moment of removing the battery, the only energy possessed by the system would be that due to the momentum of the revolving dynamo and motor armatures. These would continue to run until brought to rest by friction. If the two armatures were set in electrical communication, and their magnets not excited, this would be a purely mechanical problem and the time occupied in coming to rest would be determinable from a knowledge of the amount of bearing friction in each machine. If the armatures were in electrical communication as described, then the friction of electromagnetic nature due to the mutual influence of magnets and currents would enter the problem; but it is certain that the time occupied in coming to rest, would be less in this case, owing to the increase of retarding friction due to electrical action. In no case could the motor and dynamo continue to run indefinitely in a self-supporting system, since they receive no energy and continually

dissipate energy in friction which itself cannot practically be indefinitely reduced.

Yours very truly,

Private Secretary.

March 26th 1890.

Frederick Crane, Esq.,

The Frederick Crane Company,

Short Hills, New Jersey.

Dear Sir:-

With reference to your letter under date of February 8th last, I beg to inform you, that some time ago, Mr. Edison assigned one of his men to make a search amongst the Laboratory Records for data in connection with the use of amyl acetate as a solvent for pyroxyline.

The man who was engaged upon this work, suddenly disappeared, and did not leave with us any memorandum of what he had accomplished

Mr. Edison regrets that, at present, there is no one available whom he could appoint to continue the search for the data in question. He regrets very much that he is unable to furnish you with the desired information.

Very truly yours,

Private Secretary.

March 26, 1890

Gustave Stromberg, Esq.,

Westman Furnace Company,

#33 Broad St., New York City.

Dear Sir:-

I beg to confirm the following telegram sent you this afternoon:-

"Mr. Edison and myself will reach Hackettstown at five forty-four to-morrow (Thursday) afternoon. Please meet us at Delaware Lackawanna Depot, Hackettstown. A. O. Tate."

Yours truly,

Private Secretary.

March 26, 90.

C. Hirshhoff, Jr., Esq.,

Secretary Provisional Committee,

66 & 68 Duane St., New York City.

Dear Sir:-

I have your letter of 22nd instant, with enclosures containing information in regard to the present status of the arrangements to receive the members of the Iron and Steel Institute of Great Britain who are to visit this country in the latter part of September next, upon the invitation of the American Institute of Mining Engineers, supported by kindred associations of the United States, and informing me that a General Committee is being formed, of which I have been mentioned as a member.

I shall be very pleased to serve as a member of this Committee, and this is to signify my acceptance.

Yours very truly,

Geo. Pearson

Mar: 27, 90.

John L. Buckingham, Esq.,

Hermosa, South Dakota.

D e a r S i r:-

Mr. Edison has received your letter of the 11th instant, informing him of your patent for exclusive use of coal oil instead of water, in the operation of Rock Drills.

Mr. Edison will subject this process to a practical test, and will write you further in regard to it.

Yours very truly,

Private Secretary.

Mar. 27, 90.

Philip Priolean, Esq.,

St. Augustine, Florida.

D e a r S i r:-

In reply to your letter of 12th instant, I beg to inform you that Mr. Edison has never worked in Aluminum.

He has so many important matters on hand, that he has not time now, to give this subject any attention.

Very truly yours,

Private Secretary.

March 27th 1890.

H. M. Ivor, Esq.,

No. 19 Doy Street, New York City.

Dear Sir:-

I enclose herewith a letter received by Mr. Edison, from Mr. John L. Buckingham, of Hermosa, South Dakota, who owns a patent for the exclusive use of coal oil instead of water, in connection with the operation of rock drills.

Mr. Edison would like you to test this process, and report to him the result.

Yours very truly,

Private Secretary.

March 27, 1890.

H. Ward Leonard, Esq., Gen'l, Manager,

United Edison Manufacturing Company,

865 Fifth Ave., New York.

Dear Sir:-

Your letter of 5th instant, informing me of certain legal formalities which your Company has to go through in order to secure $25,000 of fully paid stock for a plant which you have at Hackensack, was duly received. I will be very glad to do anything I can to assist you in this matter, in connection with which I have already signed several papers.

Yours very truly,

C.H.Ch

March 27, 90.

Mr. W. F. Ferrier,

State Geological Survey,

New Brunswick, N. J.

Dear Sir:-

Your letter to Mr. Batchelor under date 22nd instant has been duly received.

It will be entirely satisfactory to us to have you commence work on Mrs. Ellison's mineral collection on the 1st of April, as suggested in your letter.

I shall be pleased to see you any time that you may find it convenient to call at the Laboratory.

Yours very truly,

Private Secretary.

March 26th 1890.

Philip S. Dyer, Esq.,

R u e O s y 4 3²,

Antwerp, Belgium.

D e a r S i r:-

I beg to acknowledge the receipt of your letter of 14th instant, in regard to the royalties to be paid to Mr. de Lalande, stating that you would prefer to send me your bill, for me to turn over to the Lamp Company.

This is entirely satisfactory.

Very truly yours,

Private Secretary.

March 27, 1890.

Henry Seligman, Esq., Treasurer,

Edison United Phonograph Company,

Mills' Building, New York City.

Dear Sir:-

I have your letter of 20th instant, and enclosed herewith please find my check on the German National Bank, of Newark, No.2745, to the order of the Edison United Phonograph Company, for Twelve Thousand Five hundred Dollars ($12,500.), to be placed to my credit as a loan in compliance with Articles of Agreement dated March 11th, 1890. Please acknowledge receipt of check.

Yours truly,

Geo. E. Ellis

March 27th 1890.

Gustave Westman, Esq.,

Westman Furnace Company,

Hackettstown, New Jersey.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us to-day:-

"Will you meet Mr. Edison and myself this afternoon at Depot, Hackettstown, 5:44? Answer quick to Orange.
A. O. Tate."

R e p l y.

"Will be glad to see you and Mr. Edison here the train Arrives at Hackettstown at 6.09. Westman."

Very truly yours,

Private Secretary.

March 27th 1890.

William M. Burrows, Esq.,

No. 18 Broadway, New York City.

Dear Sir:-

I enclose herewith consular invoice and bill of lading, covering shipment to Mr. Edison, about which we have been in correspondence.

These were received this morning from E. Grosos, agent at Havre. Please acknowledge their receipt and oblige.

Yours very truly,

Private Secretary.

March 27, 1890.

The Edison Machine Works,

Schenectady,

N. Y.

Dear Sirs:-

We beg to advise you of the following shipment, addressed to you at Schenectady, via Orange Branch of the N. Y., Lake Erie and Western R'y., Car No. 34,492:-

1 No. 2 Horizontal Boring Mill
1 Forty-eight inch Brainard Automatic Gear Cutter.

The above shipment is made up of ten packages, and the car will leave Orange to-night or to-morrow morning.

Yours truly,

Edison Laboratory.

March 28, 90.

Mr. A. MacGruther,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

The Edison Phonograph Co.

With reference to the order from ~~[illegible]~~ sent to Phonograph Works 26th instant, Mr. English informs me that it will take at least six weeks to get ready the cabinet work called for on same, and that you have only two type-writer tables in stock, as per memorandum attached hereto. It is very important that this order is filled as promptly as possible. Could not the wood-work be purchased somewhere and delay saved thereby? It is necessary to give this order prompt attention.

Yours truly,

Secretary.

March 23, 1890

W. L. Mormacher, Esq.,

No. 11 Worth St., New York City.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

" Mr. Edison and myself visited Hickettstown yesterday, as former had prior engagement for to-day. We saw Mr. Westmann and inspected furnace. A. O. Tate."

Yours very truly,

March 28, 1890

Mutual Life Insurance Company,

#32 Nassau Street, New York City,

Dear Sirs:-

Referring to the mortgage of twenty thousand dollars which your Company holds on Mr. Edison's Laboratory, will you kindly inform me of the date of this mortgage, and when the principal is payable, very much obliging

Yours truly,

Secretary.

March 28th 1890

Samuel Insull, Esq.,

No. 44 Wall street, New York City.

D e a r S i r:-

In reply to your letter under date of 27th instant, in regard to the mortgage upon the Phonograph Works shops, I beg to say that this is held by Mr. H. B. Auchincloss, Llewellyn Park, Orange, New Jersey, The amount is $ 10,000, rate of interest is six percent, payable half-yearly. The next payment is due on 12th of may, 1890. The mortgage was made for five years.

I have spoken to Mr. Auchincloss about cancelling this mortgage, and he agreed to cancel it at any time that we may desire.

He is not in town himself, but he has left all the papers with his Attorney, Mr. Kingsley, and any time that we are ready to pay over the principal, the mortgage will be cancelled by Mr. Auchincloss' representative.

Yours very truly,

Private Secretary.

March 28th 1890.

The Canadian Copper Company,

No.103 to 109 Superior Street,

Cleveland, Ohio.

D e a r S i r s:-

I beg to acknowledge the receipt of your letter of 14th instant, in which you decline to pay the freight and duties on the car of matte, which was sent to me from Canada, and in which you state that your Mr. McIntosh and Mr. Allen arranged with me, that I was to pay the freight and duties myself.

I am not aware of any such arrangement. All I ever asked for, to experiment with, was a barrel of matte, but Mr. Ritchie always insisted upon my taking more than I required. He tendered the car of matte, and placed it at my disposal, and I accepted it, but not with the understanding that I was to pay for it, or that I was to pay the charges incurred in bringing it here. The only use that I could ever have made of a carload of matte, was in a large demonstration, and as I do not now intend to make this demonstration, I have no use for the material.

The Canadian Copper Co.

[illegible]

I will have it put into barrels, weighed, and will place the same at your disposal. Also I shall be glad to receive from you, a check for the bills which are already in your hands, for freight and duties.

Yours very truly,

[illegible]

March 18/90

Samuel Sussell Esq
44 Wall St
New York

Dear Sir: Re: Mortgages

Replying to your letter 27th inst. The Mutual Life Ins. Co. of N.Y. holds a mortgage of $20,000 on the Laboratory made in 1887, November. Interest @ 6% payable semi-annually April 30th & Oct 30th. I have written them for the date of maturity of which I will advise you.

Arnold Constable & Co. New York holds a Mortgage on Mr Edison's house which is not recorded

" 7 S.

recorded
on our books. Interest $37.50.
per year payable quarterly.
Lydia L. Roper, Orange N.J.
holds a mortgage on the Silver
Lake property for $5000.
dated Nov 1st/88 - 3 years
Interest 5% payable semi-
-annually 1st May & 1st October.
This mortage is open to
redemption at any time

[illegible]

MSeg

Hon.
The Secretary Of The Treasury,

March 28, 1900.

Washington, D. C.

Dear Sir:-

The Canadian Copper Company of Sudbury, Ontario, Can. sent to me, some four or five weeks ago, a carload of copper matte, which was assayed by your representative in Newark, and upon which I paid duties, amounting to some $1800.00.

I desire to return this matte to Canada, and should be glad to be advised by you, if in doing so, I could recover the amount of duties which I have paid.

Yours very truly,

Thos. T. Edwards

May, 28th 1890

The Edison United Phonograph Company,
Care of Messrs. Seligman and Company,
Mills Building, New York city.

Dear Sirs:-

I enclose herewith an order received from Colonel Conrad's office, for material for the Phonographs, under date of March 15th 1890, and would be glad to have you advise me if I shall fill this requisition.

Very truly yours,

Secretary.

March 28th1890

Edison Lamp Company,

Harrison, New Jersey.

Dear Sir:-

I enclose herewith bills against you for Lamp Experiment and Carbon Filament Experiment for the month of January, 1890, amounting to $1030.28.

Will you very kindly send me your check to cover these bills, and oblige.

Yours very truly,

Thos. A. Edison

March 28th 1899

Major S. B. Eaton,

Equitable Building,

No. 120 Broadway, New York City.

Dear Sir:-

You are preparing two agreements between Mr. Batchelor and Mr. Edison, one of which relates to the stock of the Edison Phonograph Toy Manufacturing Company, and the other to the stock of the Edison Phonograph Works.

Mr. Batchelor is going away next week, on a prolonged trip, and would like very much to have these agreements in shape before he leaves.

Yours very truly,

Private Secretary.

March 28, 90.

Samuel Insull, Esq.,

No. 44 Wall Street,

New York.

Dear Sir:-

I have your letter of 27th instant, enclosing copy of correspondence from the Cash Installation Division on the subject of Carbon Brushes, and requesting that I direct Mr. Edison's attention to the same.

I enclose herewith copy of a letter with relation to this subject addressed to you by Mr. Edison 24th instant, in reply to yours of the 22nd, and would call your attention to the following words on the eighth line thereof: "then carbon ought to be used." These should read: "then carbon ~~ought~~ be used." The error was caused in copying from Mr. Edison's notes.

Yours truly,

Private Secretary.

E.J.Ro.

Orange, N. J. March 24, 1890.

Samuel Insull, Esq., Gen'l. Manager,
The Edison Machine Works,
44 Wall St., New York City.

Dear Sir:-

I have your letter of 22nd instant, enclosing extract from a letter received by you from Mr. H. Ward Leonard, with relation to carbon brushes, and in reply would say that I am very much opposed to the use of these brushes, except where it is actually necessary. Good copper brushes with fair attention are the best that can be devised; but, where no attention can be given and load suddenly varies, or where there are ignorant, careless attendants, then carbon ought to be used. I have always stated that instead of carbon the German silver connection-wire between commutator and armature is the most perfect device known to stop sparking when load varies.

Yours very truly,

(Signed) Thos. A. Edison.

Mr

March 28th 1899

W. S. Logue, Esq.,

Care of Postal Telegraph- Cable Company,

Chicago, Illinois.

Dear Sir:-

In reply to your letter of 28th instant, regarding stock in the Phonoplex, I beg to say that the Phonoplex is not run by a stock company. It is handled by Mr. Edison personally, and all his revenue is derived from royalties. This royalty is so small that it is not enough to be divided with any one else.

There is, however, a margin on our cells, in connection with discounts. We allow from 10 to 30 & 15 % from our list prices. Perhaps you can work on this.

Yours very truly,

Electrician.

March 28th 1890.

John Kreusi, Esq.,

The Edison Machine Works,

Schenectady, New York/

Mr. Dear Kreusi:-

With regard to the cells which I sent you recently, could you give them a good hard test, and send me a report of the result, which I could embody in a catalogue, that we are going to issue. We are getting as many of these reports as we can, and one from yourself will be very valuable.

Yours very truly,

March 28th 1890.

Daniel Weld, Esq., Secretary/

Edison Phonograph Toy Manufacturing Company,

No. 95 Milk Street,

Boston, Mass.

Dear Sir:-

I beg to acknowledge with thanks the receipt of your letter of 27th instant, enclosing copy of a communication from Mr. Yeomans, dated Paris 14th instant.

I do not see anything in Mr. Yeomans letter, which would indicate that he has made an offer to any syndicate, or which would even indicate that he contemplated doing so.

I hope that within the next few days we will have some real assurance, that Mr. Yeomans is not trifling with us.

Yours very truly,

Private Secretary.

March 29, 90.

Major S. B. Eaton,

No. 120 Broadway, New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 26th instant addressed to Mr. Edison, in reply to mine of 25th, with relation to filling Gourmd's orders for phonograph supplies &c. I addressed a letter yesterday to the Edison United Phonograph Company, enclosing last order received from Gourmd's London office, and asking if we should fill the requisition.

Yours truly,

Private Secretary.

March 29, 90.

Edison Phonograph Toy Mfg. Co.,

No. 95 Milk Street, BOSTON,

Mass.

Dear Sirs:-

I enclose herewith Certificate A1459, for 14, 000 shares of the Capital Stock of the Edison Phonograph Toy Manufacturing Company, in my name, which I desire to have transferred as follows:-

A. E. Dick	200 Shares
Charles Batchelor	130 Shares
Samuel Insull	130 Shares
A. O. Tate	65 Shares
	525 Shares.

and a certificate issued in my name for the balance, thirteen thousand four hundred and seventy-five shares (13,475). When these transfers have been made, kindly send all the new certificates to me.

Yours very truly,

Thomas A. Edison

March 29, 90.

W. S. Mallory, Esq.,

No. 7 West Randolph Street,

Chicago, Ills.

Dear Sir:-

I enclose herewith Mr. Edison's check for $500, to the order of the Edison Iron Concentrating Co., covering 2 1/2 per cent assessment on his stock in E. I. C. Co., in compliance with your letter of 25th instant.

Please acknowledge receipt

Yours truly,

Private Secretary.

March 29, 1890.

The following confirms Mr. Edison's telegram of this afternoon to Mrs. Edison:-

"Better come home Monday; telegraph me at Washington Tuesday what time and train you leave Washington on; will meet you at Newark. EDISON."

March 31/90

Mr. R. Coulbard Esq
N. Y. Phono. Co.
160 Broadway
New York

Dear Sir: I beg to acknowledge receipt of your letter of the inst. enclosing copy of a communication addressed to yourself by the Genl. Manager of the N. Y. Phono. Co. in regard to an exhibition of the Phonograph at the Orange Club.

I presume the occasion referred to is March 8th not 15th as Mr. Smith states.

The request for this loan came to me in the form of a requisition from the Auxiliary of the Orange Club

and New York members of the Club, desired to see the practical operation of the machine; that the entertainment at the Club was the last of the season and that an opportunity of bringing these gentlemen together would not be had again for many months; the invitations to members were then being issued and acting upon a hastily formed idea that the N.Y. Co. would be pleased to have advantage taken of an opportunity of which there was not time to inform them, I consented to the loan of an

instrument. I am so clearly responsible for an error of judgment that I will cheerfully make such amend as the N. J. Co. may desire, by forwarding them a check for rental or otherwise as they may indicate.

Meanwhile will you kindly assure them that this business will not again be interfered with from the laboratory, in effecting which I have received rigid instructions.

Yours truly

W. Ley

March 31, 1890

Mutual Life Insurance Co.,

Nassau, Cedar & Liberty Streets,

New York City.

Dear Sirs:-

In reference to your letter of 29th instant, with relation to loan No. 16,331, I do not understand your statement to the effect that the mortgage of $20,000 expired October 20th, 1889; we are still paying interest on it. Kindly inform me if the principal can be paid at any time, and much oblige

Yours truly,

A. O. Tate

Private Secretary.

March 31, 1890.

Mr. Thomas Butler,
44 Wall Street, New York City.

Dear Sir:-

Confirming question asked you to-day by telephone, in regard to stock book of The Edison Electric Light Co. of Europe, please see if you have a good supply of these certificates signed by Mr. Batchelor as President. Mr. Batchelor is going away shortly and will be absent probably six months, and if there are not sufficient certificates signed by him, kindly forward the Stock Book to his house, #33 West 25th Street, with a note requesting him to sign a number of the certificates, so that should any transfers come up during his absence we may be able to make them.

Yours truly,

Secretary.

March 31, 1890

Messrs. Drexel, Morgan & Co.,

New York City.

Dear Sirs:-

In reply to your letter of 29th instant, informing us of your desire to transfer 100 shares of The Edison Electric Light Co. of Europe stock, if you will take the Certificates to Mr. Insull's office, #44 Wall St., Mr. Butler will make the transfer.

Yours truly,

Secretary.

March 28, 90.

Charles W. Hastings, Esq.,

Missouri & Kansas Telephone Company,

Wales Building, Kansas City, Mo.

My dear Sir:-

I have received your letter of 8th instant, enclosing a clipping from "The Kansas City Journal," wherein is reproduced your excellent article entitled "The Photo-Phono-Tropo," originally published on the 12th February, 1886, which I have not before had the pleasure of reading.

I peruse it now with much interest, referring as it does to a combination upon the perfection of which I have spent considerable time. I hope that in the near future you may have an opportunity of seeing my method of accomplishing a result that you have already described from imagination with remarkable accuracy.

Yours very truly,

Thomas A. Edison

March 31, 90

George G. Ward, Esqr., Gen'l. Manager,

The Commercial Cable Company,

31 Broadway, New York.

Dear Sir:-

Mr. Edison has received your letter of 29th instant, quoting the following message received by you from Mr. Preece:-

> "Ask Edison if he will let me exhibit many things I have of his, in his name, at Edinburgh."

Mr. Edison has no objection to Mr. Preece making the desired exhibit, and he will be much obliged if you will inform Mr. Preece accordingly.

Yours truly,

Private Secretary.

March 31, 1890

Everett Frazar, Esq.,

No. 124 Water Street,

New York City.

Dear Sir:-

In reply to your letter of 28th instant, I beg to advise you that a new motor commutator was packed and sent with the Phonographs recently shipped to Yokohama, to replace the one returned from your Yokohama house and which you sent to the Laboratory by mail. It was an oversight not to have advised you of this before.

Yours very truly,

Edison Laboratory

By

Mr. W. S. Mallory,

No. 7 West Randolph Street,

Chicago, Ills.

March 31, 1890

Dear Sir:-

Your letters of 22nd and 24th instant have been duly received, and I have noted contents of same.

I telegraphed you this morning to order a No. 4 Pump from the Edison Machine Works. When you find it necessary to install a larger Dynamo, the Machine Works will take back the No. 4, charging you only what it will cost them to put it in perfect condition after it is returned and the freights.

Yours very truly,

Thos. A. Edison

Mr. W. S. Mallory,

No. 7 West Randolph Street,

Chicago, Ills.

March 31, 1890

Dear Sir:-

I beg to confirm the following telegrams exchanged between us on the dates mentioned:-

Chicago, March 28th, 1890.

"What about No. 4 Dynamo? Have you anything can let us take? Don't want to buy if can help it as will have to buy large one later. W. S. Mallory."

Orange, N. J. March 31, 1890.

"Order No. 4 Dynamo from Machine Works, which they will exchange for larger one, charging you simply cost of fitting it up and freight. EDISON."

Yours truly,

Thos. A. Edison

Jr.

March 31st, 1890

Samuel Insull, Esq.,

No. 44 Wall Street, New York City.

D e a r S i r:-

In the first interview which I had with Mr. Cheever, in regard to the "Nickel Slot" business, I told him that Mr. Edison would not consent to turn over his invention for a period longer than five years, and in explanation of this, I said, that Mr. Edison made it a rule not to agree to give inventions to any corporation for a period longer than that; that it was a matter which would not admit of discussion, as the rule was applicable throughout all Mr. Edison's business. You will require this information for Major Eaton, in connection with the preparation of the agreements, which I understand are now in the Major's hands.

Yours very truly,

Private Secretary

March 31 1890.

Col. George E. Gourand,

Law Library of the Equitable Assurance Society,

No. 120 Broadway, New York City,

Dear Sir:-

I beg to confirm the following telegram sent you this afternoon by Mr. Edison:-

"Regret exceedingly that I am unable to attend meeting to be held this afternoon in the Law Library of the Equitable Life Assurance Society, for the purpose of receiving a communication from Mr. Gladstone addressed to the American Co-Operative Building Loan Associations. Am feeling very unwell and obliged to stay at home. Thos. A. Edison."

Yours truly,

March 31st 1890.

Major S. B. Eaton,

Equitable Building,

No. 120 Broadway, New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 28th instant, in regard to the Batchelor and Insull Interests, respectively, in 12,500 shares of stock in the Edison Phonograph Toy Manufacturing Company.

I desire a third agreement drawn, giving Mr. A. O. Tate an interest of five per cent in these 12,500 shares.

Mr. Tate's agreement will be exactly on the same lines as the Insull and Batchelor agreements.

Very truly yours,

Thos. A. Edison

March 31,90

Hotel Normandie,

New York City.

Dear Sirs:-

With reference to your bill against Mr. Edison, under date 19th instant, amounting to $479.79, Mrs. Edison went South before approving the same, which is the reason for its remaining unpaid. Mrs. Edison is expected to return to Orange within the next few days, and just as soon as she reaches here, I will have her approve the bill in question, and send you a check in settlement.

Yours truly,

Private Secretary.

April 1st,1890.

Edison Phonograph Works,

O r a n g e, New Jersey.

D e a r S i r s,-

I send you herewith a Motor Commutator, which was received a few days ago, from Mr. Everett Frazar, the same having been returned to him from Yokohama.

The following is an extract from Mr. Frazar's letter of 14th ult., referring to this Commutator.

"My Yokohama House has sent by mail a Motor Commutator, which they wish to have repaired, and mention that the cause of its present state is that it would not stand the heat required to melt the wax out of an armature which was necessary that a cross might be removed in the armature winding. I send you this commutator tonight, and hope to learn that you can fix it in time to forward with the goods above ordered."

I understand that a new motor commutator was packed with the Phonographs recently shipped to Yokohama, to replace the damaged one sent you herewith. Yours very truly,

Secretary.

April 1st, 1890.

H. deC. Hamilton, Esq.,

Care of Edison Phonograph Company,

Northumberland Avenue,

London, W. C. England.

My Dear Hamilton:-

I have received your letter under date of 15th ult., and order for Phonograph material.

I do not know whether we will be able to fill this order or not, for the reason that a new company has just been organized here which will handle the Phonograph business in Europe, and all orders for Phonograph supplies, etc., received from London, from now on, will have to be passed upon by the company in question.

The orders which you mention in your letter, have been referred to this company, and as soon as they advise us how to treat them, we will communicate with you in regard to same.

Yours very truly,

PRIVATE SECRETARY

March 31, 90.

Philip S. Dyer, Esqe.,

Rue Oxy 432

Antwerp, Belgium.

Dear Sir:-

I enclose herewith a bill rendered against Mrs. Edison by Emile Pinget, 430 Rue Louis-Le-Grand, Paris, for 1675 francs, which I would ask you to be good enough to pay for Mr. Edison's account. Kindly have the bill sent you herewith receipted and returned to this office, as it bears Mrs. Edison's endorsement.

Yours very truly,

Private Secretary.

April 1, 1890.

The National Press Intelligence Co.,

P. O. Box 2747, New York City.

Dear Sirs:-

I beg to call your attention to the very meagre supply of newspaper clippings which your Company is now furnishing to Mr. Edison. I am aware that he complained some time ago because he received a great many duplicates, but now you seem to have gone to the other extreme and all but cut off entirely his supply of clippings. What is the cause of this? I think it is possible for you to render a much better service than you are at present and avoid duplicating the articles sent. At all events, Mr. Edison is not at all satisfied with the supply of newspaper extracts which he has been receiving from your Company for some time past.

Yours very truly,

Private Secretary.

April 2, 1890

Major S. B. Eaton,

No. 120 Broadway,

New York City.

Dear Sir:-

I enclose herewith Certificate No. 78, for 592 8/10th shares of the Capital Stock of the Edison Phonograph Works, in the name of Thomas A. Edison; also Certificate No. 79, for 967 2/10th shares of the Capital Stock of the Edison Phonograph Works, in the name of Thos. A. Edison; and Certificate No. 80, for 773 76/100 shares of the Capital Stock of the Edison Phonograph Works, in the name of Thomas A. Edison. Kindly affix the corporate seal of the Phonograph Works to each of the above certificates and return them to this office, much obliging

Yours truly,

Private Secretary.

March 26, 1890.

To the Representatives

of the

CIVIC ADMINISTRATION OF THE CITY OF COMO, ITALY.

Dear Sirs:-

I have received through the State Department at Washington, D. C., a communication under date December 11th, 1889, addressed to me by yourselves as representing the Civic Administration of Como, also a silver medal, commemorative of the discovery of the "Pile."

Your kind message, coming as it does from the birth-place of Alexander Volta, whose contributions to the science of electricity can never be over-estimated, has caused me more gratification than I can express. I appreciate very highly the friendly sentiment which prompted your action in this regard, and beg that you will accept my sincere thanks for the same.

Yours very truly,

Thomas A. Edison

April 2, 1890

Messrs. Eaton & Lewis,

120 Broadway, New York City,

Dear Sirs:-

Re Welch versus Edison. Mr. Edison has read your letter of 1st instant in regard to this case, reporting a preliminary interview which you have had with Mr. D'Infreville, who is of the opinion that he can help us with his testimony, and requesting Mr. Edison to let you know whether to retain him.

I beg to confirm our conversation of to-day in regard to this subject, to the effect that you had better engage Mr. D'Infreville. His charge for services is very high, but Mr. Lewis will, of course, use him to as small an extent as possible.

Yours very truly,

Private Secretary.

April 2, 1890.

Francis R. Upton, Esq., Gen'l. Manager,
Edison Lamp Company,
Harrison, N. J.

Dear Sir:-

Referring to telephone conversation of to-day between the Lamp Co. and the Laboratory, concerning six Mercury Pumps which were to have been sent to the Duke of Marlborough, I was very much disappointed to learn that these had not gone forward. Mr. Edison promised to send to the Duke, six Mercury Pumps, and I arranged with yourself to have the same forwarded to him, at London, early in February last. You advised me by telephone that the pumps would be shipped from the Lamp Company on the 13th February, on the strength of which assurance I addressed a letter to Mr. R. L. Cutting, on the 12th February, telling him that the pumps in question would go forward the next day, and asking him to communicate that fact to the Duke. The Duchess of Marlborough, who is now in America, has [illegible] Mr. Cutting of the nonreceipt of the pumps, and I would ask you now to kindly forward, by first steamer, six (6) Mercury Pumps, [illegible] the Duke of Marlborough, No. 3 Carleton House [illegible] England, [illegible] the steamer which carries them, [illegible] verification of shipment. [illegible]

[illegible]

Pennit-Sec'y.

April 2, 1890.

Robert L. Cutting, Esq.,
No. 19 William Street,
New York City.

My dear Sir:-

Referring to your telephone message of yesterday received at the Phonograph Works, in regard to six Mercury Pumps which were to have been sent to the Duke of Marlborough, I was under the impression that these had gone forward long ago, and was very much disappointed to learn that through some misunderstanding the Lamp Co. failed to ship them as arranged. I have now the matter in hand, and enclose herewith copy of a letter on the subject which I have to-day addressed to Mr. F. R. Upton, Gen'l. Manager of the Edison Lamp Co.

Yours truly,

Private Secretary.

April 2, 1890

Major S. B. Eaton,

No. 120 Broadway, New York City.

Dear Sir:-

Re Edison-Hunter Interference. Mr. Edison has read your letter under date 29th ultimo in regard to the above interference, and says in reply that he would like you to act in this matter in accordance with your own judgment.

Yours very truly

Private Secretary.

April 2nd 1890.

Everett Frazar, Esq.,

No. 124 Water street, New York City.

My Dear Mr. Frazar:-

I have your letter of 1st instant, enclosing a requisition for parts of the Phonographs for a Mr. Mann in Shanghae. I want to consult Mr. Edison about this order. He is not here this afternoon, but I will place the matter before him tomorrow morning, and will advise you what is done in the premises.

Yours very truly,

Private Secretary.

Apl 2/90

Major S.B. Eaton
No 120 Broadway
New York

Dear Sir: In going through the records of the phonograph works, in connection with Gourand's a/c I found that they omitted to bill Mr Edison with ten machines sent to Gourand under dates five each Apl 9th/89 and Apl 16th/89.
I have sent bills for these to London (copy

#2
S.P.G.

of letter, bills and Statement of a/c Enclosed herewith) and have also billed him with material sent to London March 13/90 in Completion of his order #168.

You will find annexed a letter from Colporvand dated 7th May 1889 in which he acknowledges receipt of these ten (10) machines. All of which will you kindly place with records previously sent you pertaining to Same Subject

Sincerely
Prudeter

April 2nd 1890.

S. D. Greene, Esq., Asst. to Gen. Manager,

United Edison Manufacturing Company/

No. 65 Fifth Avenue, New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 31st ult., in regard to lightning arrester.

The best lightning arrester that I know of is one which is described in some of my patents. It consists of putting a condenser on each side of the dynamo to earth. We use a great many Condensers in connection with my system of Phonoplex Telegraphy, and we find that they are excellent lightning arresters. In fact, I know of nothing which affords such ample protection.

Yours very truly,

Thos A Edison

April 2, 90.

Everett Frazar, Esq.,
No. 121 Water Street,
New York City.

Dear Sir:-

Your letter of 1st instant addressed to the Edison Phonograph Works, has been referred to this office for attention. In reply I beg to inform you that the Edison-Lalande battery is the same as the battery which is now used by us in connection with the phonograph.

A phonogram of Grace Church chimes can be obtained from the North American Phonograph Co., No. 160 Broadway, New York City.

Yours truly,

April 2/90

Col Geo. E. Gouraud
Edison House B
Northumberland Ave
London W.C. England

Dear Sir:

On March 8th/90 I sent
You bills amtg to $5294.01
On March 15th/90 I mailed
You credit memos for 435.18

Balance 4858.83

Now enclose statement &c
to date and bills for
amts as follows: 300.30
312.69
23.42

636.41

Amt due me by you to date $5495.24

#2
9/6/91.

In regard to the additions to your a/c, we sent you on April 16th/89 five phonographs and supplies, as per bill for $300.50, and on Apt 7/89 five phonographs and supplies as per bill for $312.67. Both these bills, which I now enclose, were omitted on a/c sent you March 8th/90 previously referred to herein.

Col. Gourand, in a letter to Mr Edison under date May 27th/89 acknowledged receipt of these instruments.

r 3
2/8/91

The third bill of 73 lbs is in completion of your order #168. Please acknowledge receipt of these.

Yours truly

Thomas A. Edison

April 2nd 1890.

Samuel Insull, Esq.,

No. 44 Wall street, New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 1st instant, enclosing copy of a letter from the Chicago Company, on the subject of Lamps, and a copy of a reply addressed to yourself by Mr. Upton of the Edison Lamp Company.

It strikes me that the policy of the Lamp Company is a very short-sighted one.

Yours very truly,

Thomas A. Edison

April 2nd 1890.

Sir Charles Tupper,

High Commissioner for Canada,

9 Victoria Chambers, London, S. W. England.

My Dear Sir Charles:-

I have received a letter from Mr. Ritchie, in which he states that you desire to have a copy of my patent for treating fibres, upon which you desire to give some information to Sir Ambrose Shay.

In compliance with this request I beg to say, that I can only treat fibres of the AGAVE family, which I do by soaking the leaves for several weeks in a solution of crude petroleum. Then when the leaves are taken out, every thing is pulp, excepting the fibre.

I intend starting Works down in Mexico for treating leaves of this family, which I can obtain there in abundance.

Perhaps, Sir Ambrose Shay could send me samples of the plant he desires to have treated.

Very truly yours,

27

Orange N.J. Apr. 3, '90

Alex. Elliott ~~Esq~~
1st Nat. Bank Building
Paterson N.J.

Have you found out about Tonney property yet? Answer.

C. J. Reed

April 3, 1890.

Mr. Thomas Butler,

No. 44 Wall Street,

New York City.

Dear Sir:-

I enclose herewith Mr. Edison's check No. 2775 on The German National Bank, to the order of Samuel Insull, for $693.05, to cover check for same amount issued by Mr. Insull to Wm. M. Burrows to pay duty levied upon shipment to Mr. Edison from Weyher and Richemond, Pantin, France.

Please send me the voucher for the shipment via "La Bretagne."

Yours truly,

W. Tate

Private Secretary.

A.

April 3, 90.

Hartness Fire Extinguisher Co.

Gentlemen:

That portion of your bill for extra heads reads as follows: basement 20; library 24; carpenter shop 13. total 57. In making discount of $1 per head, your total as made by Mr. Hartness is 64. We find that under carpenter shop there are but 12 heads, & under library but 16. If the system in present state is acceptable to the Board of Fire Underwriters, we of course look for credit for seven more heads. We find nothing from Mr. Hood showing that the system is acceptable

If, the H. L. Board of Fire Underwriters.

The rid of the tank in carpenter shop does not fit the tank on which it rests, thus allowing vermin to enter the tank.

Please see that we receive official notice from the proper parties that the system is acceptable to the H. L. Board of Fire Underwriters, and we have tank refunded, amount combined of credit given us for the insured heads.

Yours truly

(Signed) Superintendent

Room 1.

April 3, '90.

Edison Phonograph Toy Mfg. Co.,

Daniel Weld, Esq., Sec'y.,

95 Milk St., Boston, Mass.

Dear Sir:-

I beg to acknowledge receipt of the following Certificates of stock of the Edison Phonograph Toy Mfg. Co., the same having been enclosed with your letter of 2nd instant:-

No. A1820, in the name of A. B. Dick, ----------200 Shares.
" A1821, in the name of Chas. Batchelor,--------130 "
" A1822, in the name of Sam'l. Insull,----------130 "
" A1823, in the name of A. O. Tate,---------- 65 "
" A1824, in the name of Thomas A. Edison,----13,475 "

Yours very truly,

Thos. A. Edison

April 3, 1890.

George Foster Peabody, Esq.,

Messrs. Spencer Trask & Co.,

16 & 18 Broad St., New York.

Dear Sir:-

Mr. Edison has received your letter of 2nd instant in regard to visiting the Brooklyn Edison Station on April 8th or 10th. He has already written Mr. Doty concerning this matter, and if he finds it at all possible he will be present on one of the evenings mentioned.

Mr. Edison is much obliged for the invitation extended to him by yourself, to dine with you at the Hamilton Club, but at present he cannot state positively whether he will be able to visit Brooklyn on either of the dates mentioned.

Yours truly,

Private Secretary.

April 3, 90.

Ethan Allen Doty, Esq., President,

Edison Electric Illuminating Co. of Brooklyn,

No. 358 Pearl St., Brooklyn, N. Y.

Dear Sir:-

Mr. Edison has read your letter of 31st ultimo, informing him that the Officers of your Company have arranged to throw open the Brooklyn Station for inspection on the evenings of the 8th and 10th of April, and inviting him to be present. Mr. Edison is very much obliged for the invitation, and says that if he can possibly do so, he will be present on one of the evenings mentioned.

Yours very truly,

Private Secretary.

April 3, 1890.

Charles Batchelor, Esq.,

No. 33 West 25th Street,

New York City.

My dear Sir:-

Your Certificate of Phonograph Works stock does not bear the official seal of the Company. Major Eaton has the seal in his office, #120 Broadway, and you could call there and have him affix it on your certificate, or if you will return the latter to me I will have it attended to. The Certificate also reads: "Capital Stock $300,000." This will have to be changed to Six Hundred Thousand, to conform to the resolution which was recently passed increasing the Capital to the last mentioned amount.

Yours truly,

Secretary.

April 8, 1890.

William C. Degraw, Esq.,

Lake Side Hotel,

Greenwood Lake, Orange Co., N. Y.

Dear Sir:-

With reference to your postal card under date 24th March, addressed to Mr. John Ott, concerning a bill which you claim is due you by O. S. Wiley, I beg to inform you that we handed to Wiley on the 22nd of August, 1888, TWENTY-ONE DOLLARS, covering your bill dated August 5th, 1888, which he presented to us receipted by yourself. I enclose herewith copy of the receipted bill in question, which covers the expense incurred by Mr. Edison and the three gentlemen who accompanied him on the occasion of his visit to Greenwood Lake in the summer of 1888. This is the only visit which Mr. Edison made to Greenwood Lake, and if you have any other bill outstanding against him we would be glad to have you inform us of it.

Yours truly,

Private Secretary.

C o p y.

L A K E S I D E H O T E L, WILLIAM C. DEGRAW, PROPRIETOR.
GREENWOOD LAKE, ORANGE COUNTY, N. Y.

August 5th, 1899

Mr. T. A. Edison, Dr.

For self and three gentlemen	
from Saturday tea until Monday	
Breakfast, $4.00 each	$16.00
Steam launch	5.00
	$21.00

Received Payment

(Signed) Wm. C. DeGraw.

April 3rd 1890.

Confirmation of

Telephone message from Mr. Butler to Mr. Insull, received at the Laboratory April 3rd, 1890.

Colonel Gourand is very anxious that you should prevail upon Mr. Edison to be present at the dinner this evening.

He wishes you to make it a personal matter, in order that Mr. Edison may speak into the Phonograph which Gourand proposes to present to Mr. Gladstone, when he gets back to the other side. The Phonograph message has never been acknowledged to Mr. Gladstone and he (Colonel Gourand), thinks that if Mr. Edison speaks into the machine, and the machine afterwards handed over to the GRAND OLD MAN, it would be an easy way out of what looks like neglect.

There will also be a message spoken into the Phonograph by General Sherman. What shall I say to the Colonel?

Edison Laboratory (C)

April 3, 1890.

Samuel Insull, Esq.,

44 Wall Street, New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 31st ult.mo, enumerating securities of the Edison General Electric Company which you have received for my account, and informing me that you have surrendered Trust Certificate No. 843 for 100 shares, having disposed of 50 shares at 86, check for which $4300, you handed me 30th ult.mo. I note that you have received balance certificate for 50 shares, No. 359, in name of and endorsed by W. S. Perry.

Yours very truly,

Thos. A. Edison

April 3rd 1890.

Mr. Martin Force,

Menlo Park, New Jersey.

Dear Sir:-

Mr. Edison desires you to go for a few days to the Lenox Lyceum, 59th Street and Madison Avenue, New York City, where there is to be an exhibit of Edison Apparatus. He wants you to fix up the chalk telephones, which are included in the exhibit. Mr. Scobel and Mr. Steiringer are in charge of the matter, and Mr. Edison would like very much to have you there all of Saturday and Monday next.

Very truly yours,

Ed. Tate

Private Secy.

April 4th 1890

Saml Insull Esq
New York

Dear Sir

I beg to acknowledge with thanks your favor of the 3rd inst. regarding the Edison General Electric Corp. Dividend of $20.414.00

Yours truly
J. S. Randolph

April 4, 1890.

Clemens Herschel, Esq., Engineer,

East Jersey Water Co.,

[illegible] Wall St. (Room 33), New York City.

Dear Sir:-

Referring to your correspondence with Mr. Edison concerning the feasibility of protecting long lines of steel pipe from rust, would say that Mr. Edison's method is intended more particularly for the protection of the sides of steamships, and is not intended to supersede a process which by one application does the work once and for all.

Yours very truly,

Private Secretary.

April 4, 1890.

Major S. B. Eaton,
#120 Broadway,
New York City.

My dear Sir,-

Your letter of 1st instant, with enclosures, addressed to Mr. Edison in regard to Lalands Battery License, has been duly received.

With reference to the agreement between Mr. Edison, Lalande and Chaperon which you have prepared, touching the acquirement by Mr. Edison of the right to manufacture and sell Lalande batteries for use in connection with electric lighting, please alter the clause providing for the rendering of written statements and the payment of royalties, contained in the 4th section, so that these provisions shall be carried out at the time similar provisions are fulfilled under the agreement between the same parties dated August 24th, 1889. The agreement last mentioned provides for the rendering of statements semi-annually from the date of same, and for the payment of amounts due within thirty days after the rendering of such statements.

With the above alteration, the draft of agreement which I return herewith, will be all right.

We desire that the payments under the two Lalande agreements shall become due at the same time.

Yours truly,

Private Secretary.

April 4, 1890.

Everett Frazar, Esq.,
124 Water Street,
New York City.

Dear Sir:-

In further reference to your letter of 1st instant, with which was enclosed a list of parts of the phonograph ordered by Mr. Man, in Shanghae, I have consulted Mr. Edison, and he is of the opinion that we ought not to supply these parts. I think that the easiest way out of this matter would be for your house to inform Mr. Man that they are authorized to supply parts for renewal purposes only, and then at such time only when actual renewal is required; that for each new part supplied the old part must be returned to your house.

I return herewith Mr. Man's list.

Yours truly,

Private Secretary.

Major S. B. Eaton,

No. 120 Broadway,

New York.

April 4, 1890.

Dear Sir:-

I have your letter of 3rd instant, returning Certificates of Stock of the Edison Phonograph Works, No. 78 for 592 8/10 shares; No. 79 for 957 2/10 shares, and No. 80 for 775 76/100 shares, with the corporate seal of the Company affixed to each.

I enclose herewith Certificate No. 78 for 592 8/10 shares, endorsed, in blank, by Mr. Edison, to enable you to complete arrangements with the Mercantile Trust Co. for the deposit of this second lot of stock.

I also return herewith proposed agreement with the Mercantile Trust Co.

Yours truly,

Private Secretary.

April 4th 1890.

Daniel Weld, Esq., Sec'y.,

Edison Phonograph Toy Manufacturing Company,

No. 95 Milk Street, Boston, Massachusetts.

D e a r S i r:-

I beg to confirm the following telegram sent you to-day:-

"Regret cannot attend to-days' meeting: Hope we will recover South America; Any option or contract for sales in that country is worth substantial cash consideration to our Company; Kindly advise me when anything definite is heard from Yeomans. A. O. Tate."

Yours Very truly,

Private Secretary.

April 4, 90.

Francis R. Upton, Esq., Gen'l. Manager,

Edison Lamp Company,

Harrison, N. J.

Dear Sir:-

Mr. Edison has read your letter of 31st ultimo, in regard to the desirability of patenting the combination lamp plug, and I have to-day written Messrs. Dyer & Seely, on behalf of Mr. Edison, instructing them to obtain a patent if possible upon this device.

Yours truly,

Private Secretary.

April 4, 1890.

Messrs. Dyer & Neely,

No. 40 Wall Street,

New York City.

Dear Sirs:-

I enclose herewith copy of a letter under date March 31st, 1890, received by Mr. Edison from Francis R. Upton, General Manager of the Edison Lamp Co., in regard to the desirability of patenting the combination lamp plug which enables us to fit the brackets of other makers.

Mr. Edison desires you to obtain a patent, in his name, upon this device, in accordance with Mr. Upton's suggestion.

Yours truly,

Private Secretary.

COPY.

EDISON LAMP COMPANY,

Harrison, N. J., March 31, 1890.

Thomas A. Edison, Esq.,

Laboratory, Orange, N. J.

Dear Sir:-

In regard to the combination lamp plug which will enable us to fit the sockets of other makers, I have asked the opinion of Dyer & Neely as to whether it is patentable. They report that they think a valid claim could be obtained for the same.

If we can get a patent on this, we can probably have a clause inserted into the government specifications that all incandescent lamps supplied to the government shall have combination plugs. This would give us a tremendous advantage, and you will perhaps agree with me that it would be a good thing to take out a patent upon the combination lamp.

If you are of the same opinion will you please have instructions given for patent to be taken out in your name.

Yours truly,

(Signed) [illegible]

[illegible]

[illegible]

April 5, 1890.

Mr. Thomas Butler,

No. 44 Wall Street,

New York City.

Dear Sir:-

With reference to the following message from Mr. Gilmore to Mr. Insull, which was telephoned from your office to the Laboratory to-day:

> "We have no 500 Watt dynamos in stock, but could get one out by the middle of next week; please let us hear from you at once if it is required; if it comes through the office of the N. Y. Ill. Co., we shall be glad to receive from them an order for same."

and to your subsequent explanation of said message, we beg to confirm Mr. Insull's reply transmitted to you by telephone to the effect that you were to ~~xx xxxxx xxx~~ instruct the people at Schenectady to go ahead and get out the machine.

Yours very truly,

Edison Laboratory.

By [illegible]

April 5, 1890.

Major S. B. Eaton,

No. 120 Broadway,

New York.

Dear Sir:-

I have your letter of 2nd instant, enclosing draft of agreement covering Mr. Insull's ten per centum interest in the 12,500 shares of the Edison Phonograph Toy Manufacturing Co.

I return the draft herewith. It is perfectly satisfactory. Please have Mr. Insull's agreement prepared for execution, and also prepare similar copies covering Mr. Batchelor and Mr. Tate's interests.

Yours very truly,

Thos. A. Edison

April 5, 1890.

R. L. Cutting, Esqe.

No. 19 William Street,

New York City.

Dear Sir:-

The following is an extract from letter received yesterday from Mr. Upton, in regard to the mercury pumps for the Duke of Marlborough:

"We will have the six pumps packed at once and as soon as they are ready will arrange to send them on the steamer, and will let you know as soon as we can do so."

Yours truly,

Private Secretary.

April 5, 1890.

Major S. B. Eaton,

No. 120 Broadway,

New York.

Dear Sir:-

I return herewith draft of agreement covering Mr. Batchelor's ten per centum interest in the trust stock of the Edison Phonograph Works, the same having been enclosed with your letter of 2nd instant to Mr. Edison. This agreement is all right, and you will please have copies prepared for execution.

Yours truly,

Private Secretary.

April 5th 1890.

W. S. Mallory, Esq.,

West Randolph Street,

Chicago, Illinois.

Dear Sir:-

I beg to confirm the following telegram addressed by you to Mr. Batchelor, and received at the Laboratory to-day:

"When are by what route were magnets shipped? Need anything for them. W. S. Mallory."

to which we replied as follows:

"Magnets go by Erie Monday. Edison Laboratory."

Very truly yours,

Edison Laboratory

By

April 7th 1890.

S. D. Greene, Asst. to Gen. Manager,

United Edison Manufacturing Company,

No. 65 Fifth Avenue, New York City.

Dear Sir:-

Agreeable to request contained in your letter of 1st instant, I enclose herewith copy of our letter under date of 31st ult., to the Wilmington City Electric Company, in regard to new Edison Meter.

Yours very truly,

Private Secretary

[MISDATED. CORRECT DATE IS MARCH 31, 1890]

C O P Y.

Orange, N. J. April 7th, 1890.

The Wilmington City Electric Company,

Wilmington, Delaware.

Dear Sirs:-

The Edison Manufacturing Company, of 65 Fifth Avenue New York City, have referred to us your letter of the 14th instant, and we beg to say that Messrs. Bergmann and Company of No. 296 Avenue B. New York City, make a form of Edison meter which is in several important respects an improvement over the previous type/

In the new meter, the plates are of the same size from the smallest to the largest meter, and are about half the weight of the old No. 4 plate, the bottles being similarly reduced.

For full particulars we would refer you to Messrs. Bergmann and company. The meter has not yet been accepted by the Edison Companies, as the authorized standard, but the official recognition of this or some similar type may we believe be shortly expected.

Yours Faithfully,

Edison Laboratory.

April 7th 1890.

D. W. Dunn, Esq.,

Care Hughes and Cawthrop,

Rooms 712-713 Lewis Block,

Pittsburgh, Penn'a.

Dear Sir:-

Replying to your letter of 2nd instant, I beg to say, that we do not sell machines for ore separation.

We erect mills having a capacity of, from five hundred to one thousand tons every twenty-four hours.

The separating machine is but a small part of the apparatus, as the whole process, from start to finish, is designed to work automatically, whereby the very smallest amount of labor is necessitated.

I could write you more intelligently if I know the application you desire to make of the system.

Very truly yours,

Thos. Edison

April 7, 1890.

Mr. Samuel G. Burt,

Bryant Building (Room 2),

Charlotte, N. C.

Dear Sir:-

I have received your letter of 4th instant with enclosures. In regard to Sketch B, I would call your attention to the fact that the Long Creek gold vein, as shown by you, does not extend over to the other veins on the property. What we want are all the veins on the property; but do not do anything about the matter now; the assays are very poor.

Yours truly,

Thomas H. Goldsmith

April 7, 1890.

Dear Mr. Skelan,-

In reply to your letter of 5th instant, I beg to confirm my telephone message of to-day, to the effect that Mr. Edison would visit the Brooklyn Station to-morrow (Tuesday) even'g.

Mr. Edison regrets that he is unable to accept Mr. Peabody's kind invitation to dinner.

Yours truly,

Private Secretary.

J. B. Skelan, Esq.,
Edison Electric Ill. Co. of N. Y.,
No. 15 Broad Ste. New York.

April 7, 1890.

George M. Hopkins, Esq.,

361 Broadway, New York City.

Dear Sir:-

I return herewith your article on the phonograph which was enclosed with yours of 4th instant. Mr. Edison has perused it, and says that it is all right.

Yours truly,

Private Secretary.

April 7, 1890.

Samuel Insull, Esq.,
246 Wall St., New York.

Dear Sir:-

I enclose herewith copy of a letter dated at Paris, 26th March, 1890, received by Mr. Edison from Monsieur Romani.

Yours truly,

Private Secretary.

COPY.

Paris, 18 March 26th, 1890.

Thomas Alva Edison, Esq.,

Orange, N. J.

Dear Sir:-

I have given some explanations to Mr. Insull. To-day, I take the opportunity to write you a few lines expressing, in the name of Mr. Raoul Duval, and in my own, our highest respect.

Mr. Duval and his group would be most happy to come to a satisfactory arrangement. They believe that you are the only man who could make the Paris business a great success.

The project we had first, to acquire the control of the Continental Edison Company, is unfortunately impracticable. The shares are now in private hands and not very easy to be got. The Continental Edison Company has spent nearly ten millions of francs, but it possesses very little to represent this large amount of money. Mr. Duval and friends have therefore decided not to buy out the Continental Company, but to start a new business on a solid basis.

I saw Messrs Rou and Verne yesterday, and proposed to them to let you free to do other business in Paris. They would grant us a licence, but on special conditions, namely, that we should buy the machinery from the Continental Company. We can never accept these conditions, but I am quite certain that the Continental Company would not refuse to make such an arrangement directly with you as would be convenient to all the interested parties.

We would, for instance, agree to pay a royalty for the use of the three-wire system, and for the use of the Edison lamp patents; but otherwise we should prefer to manufacture all ourselves. The conditions laid down in our agreement of the 16th of January would remain the same, with the exception of the purchase of the foundry shares of the Continental Company.

I think the only way to arrange the question with the Continental Company would be by your personal intervention, or through Mr. Rathenau, who is at present in New York. I have explained my views to him, and I am sure he can help bring about an arrangement with you and the Continental Company's friends.

I have telegraphed to Mr. Insull, to send me for Mr. Duval a photograph of your electro meter, and I expect these instruments by next mail.

I have a firm conviction that you will arrange the matter with the Continental Company and give us the benefit of your very important collaboration in establishing in Paris an electric lighting system which will indeed make it Paris's turn to be the City of Light, as Victor Hugo says. But of course this depends of the [illegible] on your side to be realized.

Believe me to be [illegible]

Very truly yours,

[illegible]

April 6, 1900.

Messrs. Drexel, Morgan & Co.,

New York City.

Dear Sirs:-

I shall be glad if you will please issue to Miss Marion E. Edison, a foreign letter of credit for two thousand dollars ($2,000), charging her drafts on account of same to me upon presentation. You already have Miss Edison's signature, which you received when issuing previous letter of credit.

Yours truly,

April 8, 1890.

Wm. L. Burrows, Esq.,

No. 13 Broadway,

New York City.

Dear Sir:-

Has the last shipment, "Purgour" &c., been forwarded to Ogden yet? The people there inform us that they have not received it, and that they are very much in need of it.

Yours truly,

Edison Laboratory

By

April 8, 1890.

Francis R. Upton, Esq., Gen'l. Manager,
Edison Lamp Company,
Harrison, N. J.

Dear Sir:-

Mr. Edison has read your letter of 5th instant, in regard to patenting the Combination Lamp Plug in England, Germany and France. He does not desire to patent this device in the countries mentioned, but says that the Lamp Co. can do so if it deems it desirable.

Yours truly,

Private Secretary.

April 8, 1890

Mr. Thomas Butler, Sec'y.,

N. J. & Pa. Concentrating Wks.,

244 Wall St., New York.

Dear Sir:-

I enclose herewith Mr. Edison's check No. 371, on Drexel, Morgan & Co., for $3,300, on account of his subscription to the stock of your Company.

Yours truly,

Private Secretary.

April 8th 1890.

Messrs. Dufaux, Mathieu and Andre,

89 Rue de la Paix, Paris, France.

Dear Sirs:-

In reply to your letter under date of 8th of March, I beg to inform you that Mr. Edison cannot permit the use of his name in connection with the new style of corset, to which you have directed his attention.

He is very much opposed to his name being used in such a way, and absolutely prohibits it.

Mr. Edison will be pleased to receive from you a letter to the effect that you have abandoned any intention that you may have had, of using his name in the connection referred to.

Yours very truly,

Private Secretary.

April 9th 1900.

Francis R. Upton, Esq., General Manager,

Edison Lamp Company, Harrison, N. J.

Dear Sir:-

I beg to enclose herewith the correspondence which was returned to this office, with your letter of 3rd instant, suggesting that we put the short-hand notes on another sheet, in view of our utilization of the Phonograph Dictation Stamp.

Your suggestion is a good one. We would remark, however, that the correspondence of the Laboratory is very voluminous, and in the handling of it the Phonograph is used to a large extent, in fact, almost exclusively, the three machines which we have in the office here, being very severely taxed.

Now and then when our Phonogram blanks run out, we find it convenient to avail ourselves of the stenographic ability at our service.

The letter returned by you was transcribed from the Phonograph. The shorthand notes on the Pottsville letter consist of the four words, " send to Lamp Company," and they embody the instructions given by me to my assistant, the ultimate form of the letter being left to his intelligence.

Some day when you are at the Laboratory, drop in to Room 13, and see the rapid transcriptions which are constantly being made from Phonograph dictation.

We installed a new Phonograph in the Office to-day, and are going to invest in another rubber stamp.

Very truly yours,

Private Secretary.

April 9th 1890.

Master Josef Hofmann,

Berlin, Germany.

Dear Master Hofmann:-

Mr. Edison has asked me to acknowledge the receipt of your letter of 22nd ultimo, which was perused by him with much pleasure, and he desires me to thank you for the photograph of yourself, which you kindly enclosed.

He would be very pleased to receive a musical record made by yourself. In sending this, please pack it very carefully, so that it will sustain no injury in transportation.

With reference to the "one thing," which you do not understand this little device is the determining point. When the lever on the back of the Phonograph is pulled down, this point strikes the cylinder, and adjusts the knife for cutting. If the point in question were not there, the knife would dig into the cylinder, and would take so deep a chip as to spoil it. This point regulates the depth of the chip, making it always uniform.

I hope the above explanation will make clear to you, the use of the determining point.

Master Josef Hofmann. -2- April 8th 1920.

If there is anything else about the Phonograph that you do not understand, and which you would like to have explained, if you will write us about it, we will be very pleased to furnish you with all the information possible.

I am sending you by this mail, under another cover, a photograph of Mr. Edison, which he has dedicated to yourself.

Very truly yours,

Private Secretary.

April 9, 1890.

F. P. Earle, Esq.,

Hotel Normandie,

New York City.

Dear Sir:-

I enclose herewith Mr. Edison's check on the German Nat'l. Bank of Newark, #2793, for $408.34, in payment of your bill. The first item on the statement last rendered by you, dated Aug. 3, $21.25, was paid by Mr. Edison's check for $55.50 which was sent to you October 1st, 1889. Kindly sign and return enclosed receipt, obliging

Yours truly,

Private Secretary.

April 9, 1890

Edison Phonograph Works,

O r a n g e, N. J.

Dear Sirs:-

Please send to-morrow (Thursday) morning, to Hardman Hall, Fifth Ave, and 19th Street, New York City, the following material:-

2 Latest Style Motor Phonographs.
2 Short Funnels
20 blank cylinders
ear tubes, speaking tubes and all necessary appliances.

The above are for use at the FAST TELEGRAPHING TOURNAMENT, which commences to-morrow at two o'clock p. m. in Hardman Hall.

This order was telephoned to your Mr. MacGruther to-day, and this letter is in confirmation of same.

I enclose herewith circular concerning TOURNAMENT and tickets of admission to same.

Yours truly,

Also send a competent operator. He should be at the Hall about Eleven o'clock - Tournament begins at 2 p.m.

Private Secretary.

Messrs. Eaton & Lewis,
No. 120 Broadway, New York.

April 9, 1890

Dear Sirs:-

In compliance with your letter of 7th instant, I enclose herewith Mr. Edison's check for $250, to the order of Georges D'Infreville, the same being Mr. D'Infreville's retainer in the case of WELCH versus Edison. Kindly acknowledge receipt.

Yours truly,

Private Secretary.

Mr. Thos. Butler, Sec'y.,
N. J. & Pa. Concentrating Wks.,
344 Wall St., New York.

April 9, 1890.

Dear Sir:-

I beg to acknowledge receipt of your letter of 8th instant, notifying me of amounts falling due on May 3rd and 17th next on account of my subscription to the Capital Stock of your Company.

Yours truly,

Fred Catlin, Esq.,

April 9, 90.

#195 Broadway, New York.

Dear Sir:-

I have instructed Mr. A. Thos. E. Wangemann, who is in charge of the Phonograph exhibit now in progress at the Lenox Lyceum, to send to Hardman Hall to-morrow (Thursday) morning, a half-dozen first class musical cylinders, for use in connection with the phonographs which will be delivered there to-morrow. These cylinders will come addressed to yourself, and you will please see that they are handed over to the person in charge of the machines.

Yours truly,

Inclosed

April 9, 1890

Edison United Phonograph Co.,

G. N. Morrison, Esq., Secretary,

Mills Building, New York.

Dear Sir:-

I beg to acknowledge receipt of your letter of 7th instant, enclosing check of Col. Geo. E. Gouraud for Twenty-five hundred dollars ($2,500). The same has been placed to Col. Gouraud's credit.

Yours truly,

Thomas A. Edison

Apl 9/90

My dear Mr Stevens:

I am glad to learn of your return to Boston.

Mr Weld has kindly sent me copies of Mr Yeoman's and Mr Hutchinson's cable-grams. I cannot tell exactly from these what Mr Yeoman's scheme is but it appears to me that he is going to attempt to float a public company. You are doubtless familiar with the way this is done in England, and aware that unless Mr Yeoman can get the company underwritten we take

upon our own shoulders
all the risk of failure.
If we are to undertake
such a risk as this the
amount that we are to get
is entirely inadequate. We
could solicit public subscription
ourselves and, with exactly
the same risk take all
the profits, which will
amount to two or three
times as much as it is
now proposed to give us.

This matter is extremely
important to us. I would
not advise our taking

the risk of public subscription
Even if we were to reap all
the profit. It is far less
desirable that we should take
the risk and have someone
Else get the lions share in
Case of success, while we
alone would suffer from
a failure. I think that a
Cablegram like this
should be sent to Mr
Hutchinson

Does Yeomans proposition
mean public subscription
Cable Company be underwritten
or how will it be
Derived from possible

failure of stock going to allotment. We will not consent to share risk of public issue.

There should be no misunderstanding about this matter as a failure would mean that in addition to losing all anticipated profits and being out the expense already incurred, the collapse of the H scheme would receive the widest publication and do us a vast amount of injury by handicapping us in any future endeavor to capitalize our foreign business.

Geo. F. Heuens & Company

Boston

April 9, 1890.

Mr. A. Theo. R. Geissmann,
c/o Edison Exhibit, Woman's Exclusive Exhibition,
MADISON AVENUE, Madison Ave. & 26th St., New York.

Dear Sir:-

Will you please have sent to Harlman Hall, 5th Ave. and 16th St., New York, to-morrow (Thursday) morning, half a dozen first class musical cylinders. These are for use at the "Sport Telegraphing Tournament," which commences to-morrow at two o'clock. See that these are sent without fail, and address them to Fred Catlin, Manager, National Sport Telegraphing Tournament, Harlman Hall, New York City.

Yours truly,

April 9th 1890.

Lloyd Wollen, Esq.,

26 Penn Road Villas,

London, N. England.

Dear Sir:-

Mr. Edison has asked me to thank you for your letter of 20th ultimo, in regard to the Phonograph, new uses for which are being discovered every day.

The instrument is admirably adapted for the recording and the reproduction of musical pieces, and is being largely used in that connection all over the United States. It has excited a great deal of interest among musicians, and will doubtless prove to be a very valuable auxiliary to those who are prosecuting the study of music.

Mr. Edison receives a great many letters from all parts of the world, in regard to the Phonograph, and he appreciates very much the interest which the public is taking in his invention.

Very truly yours,

Private Secretary

Samuel Insull, Esq.,

#44 Wall Street, New York.

April 9, '90.

Dear Sir:-

Referring to the second paragraph, on page 3 of the Memorandum regarding the EDISON INDUSTRIAL WORKS which I sent to you this morning, will you kindly make this read as follows:-

"The Edison Industrial Works will be permitted to establish branch factories upon obtaining Mr. Edison's consent, in which case should these branches be capitalized, the same percentage of their Capital Stock is to be issued to Mr. Edison as in the case of the original Company. This provision is made in view of the necessity of manufacturing abroad to sustain patents."

Mr. Edison thinks it would be better to express ourselves in the above way rather than refer to the formation of sub-companies.

Yours truly,

Private Secretary.

April 9, 1890.

Hon. James G. Blaine,

Secretary of State,

WASHINGTON, D. C.

Dear Sir:-

I am informed that Mr. Joshua M. Spencer, of Rising Sun, Indiana, is an applicant for a Consular appointment at Huddersfield, England, or some place of like grade.

I take much pleasure in testifying to Mr. Spencer's fitness for such a position. I have known him a great many years and believe that he is eminently qualified for a Consularship. He is a good, honest American citizen, capable and intelligent---a man who would discharge the duties of such an office as the one he is applying for, with credit to himself and to his country. In appointing Joshua M. Spencer, the Government would secure a competent and faithful servant.

Yours truly,

[illegible]

April 10, 90.

W. B. Newell, Esq., Treasurer,

Neptune Hose Company, ASHTABULA,

Ohio.

Dear Sir:-

Your letter of 1st instant addressed to the Edison Lamp Co., in regard to an electric light for your new hose wagon, has been referred to us for reply.

It would be impracticable to attach a dynamo to a wagon. Mr. Edison, however, is now at work designing a battery for use in connection with electric lighting, which I think would answer your purpose admirably. This battery is expected to be ready in the course of a month or so, and if you will write us at the end of that time, we will be in a position to give you full particulars regarding same.

Yours truly,

Private Secretary.

April 10, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Will you please have prepared at once, for presentation to the Emperor of Germany, two (2) latest type Water-Motor Phonographs, one of which is to be mounted and have a plate attached, with the following inscription:

"This phonograph is presented to

W i l l i a m II ,

Emperor of Germany,

by its inventor, E d i s o n."

Send with these phonographs, twenty (20) first class musical records, and fifty (50) blank phonograms.

Advise me when the above is ready for shipment.

Yours truly,

Thos. Edison

April 10, 00.

Dr. Werner Siemens,

B e r l i n, Germany.

Dear Sir:-

I beg to acknowledge receipt of your cablegram of 8th instant, of which the following is a translation:-

"The Marshal of the Imperial Court of the German Emperor, inquires whether phonograph has been shipped. SIEMENS."

In reply to which I cabled you to-day as follows:

"Will ship phonographs for German Emperor in few days, advising steamer. EDISON."

Yours very truly,

Thos A Edison

April 10, 1890.

Major S. H. Eaton,

4220 Broadway, New York City.

Dear Sir:-

I beg to inform you that Mr. Edison has received Col. Gouraud's check for twenty-five hundred dollars. It came through the Edison United Phonograph Company, and was accompanied by a letter, copy of which I enclose herewith.

Yours very truly,

Private Secretary.

C O P Y.

EDISON UNITED PHONOGRAPH COMPANY,

MILLS BUILDING, NEW YORK CITY.

New York, April 7th, 1890.

Thomas A. Edison, Esq.,

Orange.

Dear Sir:-

Enclosed please find check of Colonel G. E. Gourand, for Twenty five hundred dollars which kindly place to credit of his account, in conformity with letter read by him at meeting March 14th, held in New York.

Allow us to state the delay in forwarding same has been simply due to a misunderstanding on our part, which kindly pardon.

Yours Truly,

(Signed). G. N. Morrison,

Secretary.

April 10, 1890.

Samuel Insull, Esq., 1st Vice-President,

United Edison Mf'g. Co.,

#44 Wall St., New York.

Dear Sir:-

I have your letter of 8th instant, enclosing copy of a communication addressed to yourself by Mr. H. Ward Leonard, of the Cash Installations Division of the United Company, in regard to the advisability of selling oil paper.

Inasmuch as this is not a patented article, my opinion is that the United Company should sell it.

Yours truly,

Thos. A. Edison

April 10,90.

National Press Intelligence Company,

P. O. Box 2747, New York City.

Dear Sirs:-

The clippings enclosed with your letter of 8th instant, were perfectly satisfactory.

Referring to your letter of 2nd instant, would say, that the service which you rendered, prior to the receipt of the letter from Mr. McGowan, which you mention, was satisfactory, excepting that you sent a great many duplicates---that is, several copies of one article clipped from different papers, and that is what Mr. Edison objects to.

Yours very truly,

Private Secretary

Apl 1/90

John Hoey Esq
c/o Adams Express Co
New York

Dear Sir: Col Gouraud is in Washington for the purpose of obtaining from President Harrison and his Cabinet phonographic messages to Henry M Stanley.

The messenger who bears this letter has with him a box of phonograms addressed to Col Gouraud care of the President's Private Secretary White House Washington.

Will you very kindly have this box rushed thro' to its

destination and greatly oblige

Yours very truly

Thomas A. Edison

April 11, 1890.

Edison United Phonograph Co.,

Mills Building,

New York City.

Dear Sirs:-

My agent in Antwerp, Belgium, has in his possession 7 1/2 barrels of phonograph cylinders that were sent to him from Paris, the same having been originally shipped from here by the Edison Phonograph Works intended for use at the Paris Exposition; they did not reach there, however, until after the Exposition was over.

I have thought that instead of having these blanks returned to America, the opportunity would be a good one for your London office to obtain a supply, of which they are constantly in need. I would, therefore, request that you authorize me to instruct my agent to forward the blanks in question to London. An early reply will much oblige

Yours very truly,

Thomas A. Edison

April 11, 90.

Edison Phonograph Works,

O r a n g e, N. J.

Dear Sirs:-

At present you are taking your supply of GASOLENE from the Laboratory tanks, in view of which fact there ought to be a meter at your end of the line which would indicate the quantity used by the Phono. Works. As it is now, we can only guess at the amount, which is unsatisfactory to us and to yourselves. Your early attention to this matter will oblige

Yours truly,

April 11th 1890.

Colonel George E. Gourand,

No. 74 Madison Avenue, New York City.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us to-day: my messages being addressed to you at the Arlington Hotel, Washington, D. C.

"Have some new cylinders: will they reach you in time if expressed immediately? T. A. Edison."

To which you replied as follows:-

"Yes if sent by messenger immediate to John Hoey, Adams Express, explaining circumstance, addressed to me care President's Private Secretary, White House. Gouraud."

"Have sent them to Hoey by special messenger. Edison."

Very truly yours,

Thomas A. Edison

April 11th 1890.

Mr. M. Livor, Esq.,

No. 10 Day Street, New York City.

Dear Sir:-

I enclose herewith copy of a letter which I have received from Mr. C. J. Field. It is my intention to run this matter down, and find out just exactly where the responsibility should be placed, for the mistake which has been made in connection with the Ogden plant.

Yours very truly,

Thomas A. Edison

C O P Y.

FIELD ENGINEERING COMPANY,

CONSULTING AND CONTRACTING ENGINEERS,

NO. 13 Cortlandt Street, New York City

New York April 9th 1890.

Thomas A. Edison, Esq.,

Orange, New Jersey.

D e a r Mr. Edison:-

I am going away this afternoon for the rest of the week, and will send you that data and information on the Ogden plant upon my return the first of next week, as I have not had time to-day to go over the correspondence and get the matter in shape.

I wish it distinctly understood, however, that the only thing I wish to do here is to clear ourselves of the entire blame in the matter, which it appears is being put on us. I do not wish to have any rumpus at all with anybody about it. The thing is past and gone, and I believe that we have sufficient record elsewhere to sustain our good standing and that the trouble here was due to the unfortunate circumstances which were connected with the whole matter. We were never able to secure a definite understanding as to our position on the work up to the time it was taken away from us, and the mistake we made was in ever having anything to do with it in the condition in which it was; we were anxious to get a start in our own work and took that without being able to get a good understanding, as I should have had in order to carry it successfully through.

Very truly yours,

(Signed)? C. J. Field.

C.

April 11th 1890.

Alexander Colns, Esq.,

No. 106 West 55th Street, New York City.

D e a r S i r:-

Mr. Edison has received your letter of 2nd instant, in regard to increasing the speed of ocean steamers, by decreasing the friction of the vessel passing through the water.

He has made a number of experiments in this direction, but they do not work exactly as you think. All that is effected by applying the electric current, is to keep the bottom of the vessel perfectly clean.

Yours very truly

Private Secretary.

Apl 11/90

Mr Charles Edison
C/o Drexel Harjes & Co
Paris

My dear Chas Edison:

Enclose herewith Drexel Morgan & Co's Circular Letter of Credit for £400. which requires your signature to complete it.

Yours truly

A. Edison

Apl 11/90

Messrs Drexel Morgan & Co
Paris France

Dear Sirs: The enclosed letter for Miss Marion Edison contains a letter of credit from Messrs Drexel Morgan & Co. Kindly forward it to Miss Edison if she is not in Paris

Yours truly
A. O. Tate
Private Secy

April 12, 1890.

Mr. Philip S. Dyer,

Rue Osy 432,

Antwerp, Belgium.

Dear Sir:-

I enclose herewith three copies of agreement which I desire to make with Messrs. Lalande and Chaperon, covering the use of their battery in connection with electric lighting. I have signed each of these copies, and would ask you to kindly have the same executed by Messrs. Lalande and Chaperon, after which return one copy to me for my files.

Yours very truly,

Thos. A. Edison

These have been prepared in careful accord with Mr de Lalande's Memorandum

T.A.E.

April 12, 1890

Major S. Z. Eaton,
No. 130 Broadway,
New York.

Dear Sir:-

I have your letter of 11th instant, and it will be entirely agreeable to me to have yourself and Mr. E. H. Betts come out to the Laboratory on Tuesday morning next, for the purpose of a conference as to what constitutes a Feeder.

Yours truly,

Thos. A. Edison

April 12, 90.

Samuel Insull, Esq.,
No. 44 Wall Street,
New York.

Dear Sir:-

Replying to your letter of 9th instant, in regard to $2,500 Trust Certificates and $7,500 General Company stock, owed to Major Eaton by Mr. Edison, the latter desires that you deliver this to Major Eaton out of the stock which you have in your hands for Mr. Edison's account.

I will send Mr. Edison's check for $150 to Major Eaton, in payment of April 1st dividend on 75 shares of General Company stock, in compliance with your request.

Yours truly,

Private Secretary.

Letterbook, LB-040

This letterbook covers the period April-May 1890. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison and John F. Randolph. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Some of the correspondence concerns the promotion of the phonograph in Europe, Asia, and South America and the establishment of a company to sell talking dolls in Europe. Other letters pertain to mining and ore milling, electric lighting, and the Edison-Lalande battery. There is also correspondence about the 1890 Women's Exhibition in New York and the payment of the experimental accounts of the West Orange laboratory. Beginning on page 188 is a seven-page memorandum about experiments conducted at the laboratory for various Edison companies. The book contains 500 numbered pages and an index. Approximately 40 percent of the book has been filmed.

April 12, 90.

Daniel Weld, Esq., Sec'y.,
Edison Phono. Toy Mfg. Co.,
No. 95 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"I will attend meeting on Monday. A.G.TATE."

Yours truly,

Private Sec'y.

April 12, 90

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

I inclose herewith copy of a letter received by me this morning from Everett Frazar. Please carry out Mr. Frazar's wishes.

Yours truly,

Private Sec'y.

C o p y.

New York April 12, 1890.

T h e L a b o r a t o r y,

Orange, N. J.

Dear Sirs:-

Some time since you sent to Yokohama 4 shipts containing 150 blank cylinders, 36 musical phonograms and one body #6628 with ~~[illegible]~~ regulator. My house now asks that you send out the rest of this treadle machine and regulator, also a belt for same which your invoice mentioned as being shipped but which did not come to hand, ~~[illegible]~~ please forward 12 new spectacle arms ~~with sleeve~~ and nut arms complete. My house particularly desires the price of the arms. Kindly pack the above and have your company deliver to the N. Y. O. & W. pier 9 on the 14th inst. Mark the package Frazar & Co., Yokohama No. Please have your ~~[illegible]~~ deliver R. R. receipt promptly to your office, and on your bills give me a memo of the contents and gross weight ~~[illegible]~~ marked on each box. Goods should be shipped as above or they may miss connection.

Yours very truly,

(Signed) ~~Herbert Frazar~~

April 12, 1890

Samuel Insull, Esq.,

~~44~~ Wall St., New York.

Dear Sir:-

I beg to confirm receipt of message telephoned from your office to-day, as follows:

"Call a meeting of the Board of Directors of the Edison Lamp Co. at Edison Laboratory, Orange, N. J., Tuesday, April 15th, 3 o'clock afternoon. Please cancel meeting of the European Company for Tuesday. It is very important that we should hold the other meeting at the Laboratory on Tuesday."

I have called a meeting of the Board of Directors of the Lamp Co., in accordance with the above, and have also postponed the European CO. meeting which was to have been held on Tuesday until the next day.

Yours truly,

Secretary.

April 14th 1900.

Societe Corse des Antimoines de Meria,

Bastia, Corsica.

Dear Sirs:-

Mr. Edison has received your letter 21st of February last, and he regrets that he has no printed data in regard to his Ore Milling process, which he could send to you.

Mr. Edison is not quite ready to introduce this apparatus in Europe.

We have placed your letter on file, and as soon as we are ready to furnish information in regard to this process, we shall be very pleased to communicate with you.

Yours very truly,

Private Secretary.

April 14th 1890.

Everett Frazar, Esq.,

No. 124 Water Street, New York City.

Dear Sir:-

We beg to acknowledge the receipt of your letter of 11th instant, ordering certain Phonograph material for shipment to Yokohama.

We have instructed the Phonograph Works to give this order their immediate attention, and to see that your wishes concerning same, are carried out.

Yours very truly,

Edison Laboratory,

By A. M.

April 15th 1890.

Mr. Richard Thiell,
Grunewald, Strasse 117 11,
Berlin, Germany.

Dear Sir:-

With reference to your letter under date 27th ultimo addressed to Mr. Edison, I beg to inform you that a Company has just been organized here, which will handle the Phonograph business in Germany.

This Company will soon commence active business, and will be represented in all the principal cities in Germany, when you will have no difficulty in obtaining a Phonograph.

Very truly yours,

Private Secretary.

April 15th, 1890.

Miss Elizabeth Dean,

2 Ella Road, Cronch Hill,

London, North, England.

Dear Miss Dean:-

With reference to your letter of 31st ultimo, addressed to Mr. Edison, the Phonograph could be used for the purpose which you mention , the only thing necessary being, for some one to read to the instrument, when it would give a faithful reproduction of the matter recorded upon it, which reproduction could be repeated at will.

A Company has just need organized here which will handle the Phonograph business in England, and agencies will soon be established in all the principal English cities.

It is the company's intention to commence active business shortly.

Yours very

Private Secretary.

Apr. 17, '90

~~Alex. Elliott Jr.~~
Patterson N.J.
Will go to Kennil tonight
C. J. Reed

April 16th 1890.

Dr. C. A. Monthumb,

No. 30 Eleventh Street, Hoboken, New Jersey.

D e a r S i r:-

Mr. Edison has received your letter of 11th instant, and desires me to say in reply, that he thinks an institution in this country similar to the Urania, would be very useful.

He is not, however, in a position to give the matter much attention himself.

Yours Very Truly,

Private Secretary.

April 16th 1890.

Philip S. Dyer, Esq.,

Rue Ouy 458,

Antwerp, Belgium.

Dear Sir:-

In regard to the seven and one-half barrels of cylinders, which you are holding for my account, will you kindly ship these to the Edison United Phonograph Company, Edison House C. Northumberland Avenue, London, W. C. England., and very much oblige.

Yours very truly,

Thos. A. Edison

April 16th 1890

Everett Frazar, Esq.,

No. 124 Water Street, New York City.

D e a r S i r:-

We beg to acknowledge the receipt of your letter of 11th instant. We do not think it will be practicable to record a speech, and afterwards reproduce the same to an audience similar to that addressed by the speaker.

When Ex-Governor Green was in Orange on a campaign tour, we had a Phonograph at the hall, and recorded quite a long speech which he made there, but in reproducing this we, of course, had to use the carbones.

With relation to batteries, your firm will have no success whatever with the old style cells. They are very unreliable, they need to be renewed twice a week, and they give so much trouble that it would seriously affect your business if you adopt them. The new batteries are more economical to run, they have a longer life, they were designed specially for the Phonograph, they give satisfaction in every way, and there is no reason why you should not change, but every reason why you should not. We will always have a record of the number of batteries which you send us, that is upon

and [illegible] this we can tell just the quantities of renewal parts which you should carry in stock there to supply your customers.

We do not believe that the cylinders which we sent out , will sweat in hot weather, but if you have any trouble occuring in connection with them in China or Japan, we should like to be advised of the nature of it.

[illegible]ect,

Yours very truly,

Private Secretary

April 16th 1890.

Frederick E. Rands, Esq.,

Oakville, Ipswich, England.

Dear Sir:-

With reference to your letter of 19th of March last, directing Mr. Edison's attention to recent explosions in two Welsh coal mines, which were probably caused by the miners using naked lights, I beg to inform you that Mr. Edison is at present designing a battery for use in connection with a miner's electric lamp.

The battery for supplying the current will be carried in the hand, and will be of a very light and portable design.

This lamp, when completed, will be a great improvement on existing types, and will be absolutely safe.

Yours very truly,

Private Secretary.

April 16th 1890.

Mr. Ingersoll Freeman, Esq.,

No. 120 Water Street, New York City.

Dear Sir:-

I enclose herewith a copy of a letter under date 14 instant, addressed to me by the Edison Phonograph Works, and referring to the last shipment of Phonograph supplies made on your account.

Yours very truly,

Secretary.

C O P Y.

Orange, N. J. April 14, 80.

A. O. Tate, Esq.,

Laboratory, Orange, N. J.

D e a r S i r:-

We have your favor of April 12th enclosing copy of letter from Everett Frazar, of New York. We have this day shipped to Frazar and Company the following:—

One case, 11-1/2 cubic feet, weight 165. pounds, contents One tree dle machine complete except the body, marked "Frazar and Co., Yokohama, Japan.

We have not sent the 12 new spectacle arms with sleeve and nut arm complete, mentioned in Mr. Frazar's letter, as these new parts do not fit the old machine he has, and the difficulty of adjusting would be very great, and require the services of a skilled mechanic even then it is possible they would be unsatisfactory.

We have sent the R. R. receipt direct to Mr. Frazar, at the same time acquainting him with the reasons given above for omitting a part of the order.

Yours truly,

Edison Phonograph Works,

(Signed) P y A. McGuire.

April 16th, 1890.

James F. Kelly, Esq.,

No. 19 Dey Street, New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 12th instant, in regard to Mr. J. W. Clark, of Trenton, Ontario.

I do not remember Mr. Clark, but all the same, I regret that I am unable to tell him how he can get a Phonograph.

Several people, friends of mine, have applied to me for information as to obtaining Phonographs in Canada, but Mr. Lippincott will not permit a machine to enter that territory at this time.

I do not know what he intends to do eventually, but at present he seems determined to do nothing.

Very truly yours,

April 17, 90.

R. M. Riotte, Esq.,

104 & 106 Washington St.,

New York City.

Dear Sir:-

Will you be kind enough to send me the balance of our samples, if you have them, for there seems to be a great discrepancy between your assays and those of the U. S. Mint at Charlotte. Many of the samples sent you I have had assayed by this mint twice, and the agreement was very close. As an instance of the discrepancy between your assays and those of the mint, I may say that one ore I submitted to the latter was reported by them to carry $3.50 per ton; you report the same ore as containing nothing. I would like to have the balance of the samples returned to me, so I can find out why this discrepancy occurs. I know that Ananias was the father of metallurgical chemistry, but I did not know it was quite so bad as this.

Yours truly,

Thos. A. Edison

April 17th 1890.

Major S. E. Eaton,

No. 120 Broadway, New York City.

My Dear Sir:-

I have your letter of 14th instant, informing me that the mortgage on my residence at Llewellyn Park was discharged on that day.

There are in the hands of Arnold, Constable and Company, a number of insurance papers in connection with the House, which should be returned to me.

Yours very truly,

Thos. Edison

April 17th 1890

J. I. C. Clarke, Esq.,

"The Morning Journal,"

Room 25, Tribune Building, New York City.

Dear Sir:-

With reference to the article "Edison's Wonder World" which you purpose publishing in the Journal, Mr. Edison says that you will have to excuse him for the present.

He is working night and day, and the experiment upon which he is engaged, is of such a nature that it is impracticable for him to spare the time necessary for an appointment with your Mr. O'Keefe.

He will give Mr. O'Keefe an audience at the first available opportunity.

Yours very truly,

Private Secretary.

April 17th, 1890.

A. B. Dick, Esq.,

Nos. 152 and 154 Lake Street,

Chicago, Illinois.

Dear Sir:-

In reply to your letter of 15th instant, addressed to Mr. Edison, I enclose herewith the latter's proxy in favor of yourself, to vote his stock at the Annual Meeting of your Company to be held in Chicago, Illinois, on May 5th, next.

Yours very truly,

Private Secretary.

Your lings go forward tomorrow

April 17th 1890.

A. Raht, Esq.,
P. O. Box 467,
Helena, Montana.

Dear Sir:-

Mr. Edison is much obliged for the samples of Sapphire enclosed with your letter of 7th instant.

These samples, however, are not clear enough for Mr. Edison's purposes. They are full of flaws.

If you could furnish Mr. Edison with clear Sapphire, he is willing to pay you one dollar an ounce for it.

It is not necessary that the samples should be gems, but it is absolutely essential that they should be clear, and free from flaws.

Yours very truly,

Mr. Secretary.

April 17th 1890.

Arthur Kitson, Esq.,

P. O. Box 803,

Philadelphia, Pennsylvania.

Dear Sir:-

With reference to your letter of 14th instant, will say, that Mr. Edison has had some trouble with the people he was negotiating with, concerning nickel mines of Sudbury, the result being that he has dropped the matter entirely, and has no further interest in the subject.

Very truly yours,

Private Secretary.

April 17th, 1890

John Hoey, Esq.,

No. 50 Broadway, New York City.

Dear Sir:-

I have your letter of 15th instant, and am very much obliged for the prompt manner in which the phonograms were sent to Washington.

Thanking you very much for your kind attention to my request in this connection,

I am, Very truly, yours,

Thos. A. Edison

Wish I could send you a phonograph. You ought to have been using them long ago throughout the whole year business organization.

April 17th 1890

Edison Phonograph Toy Manufacturing Company,

No. 95 Milk Street, Boston, Massachusetts.

Dear Sirs:-

Referring to your letter of 16th instant, enclosing copy of proposed agreement to be made by Mr. Yeomans for the disposal of the European rights of the Edison Phonograph Toy Manufacturing Co., for all European countries including Great Britain and Ireland and the Channel Islands; the figures you name, viz.,

One Hundred Thousand Pounds (£ 100,000), in cash and twelve and one-half per cent (12-1/2 %) of the capital stock of the Company, which capital stock shall not be more than Three Hundred Thousand Pounds (£ 300,000), would I think be acceptable to me.

Before giving my formal consent to such a plan, I would want to see a list of the parties who underwrite the Company, and a copy of the guarantee in connection with the same.

With reference to my royalties and manufacturing rights for the territory named, I would be satisfied to take thirty-two per cent (32%) of the cash and stock and other proceeds received by your Company.

[illegible] Co. -3-

April 17th, 1900.

As [illegible] have recently become interested in the Manufacturing business it would be necessary for me to confer with them before executing anything formal with relation to the Manufacturing rights. I believe that they would do exactly as I would wish, but you will understand that their consent should be obtained.

Meantime I can see no objection to the negotiation going ahead on the lines indicated.

It will be necessary in the contract between the European Company and yourselves to provide with great clearness that the sale of articles manufactured by the former shall be restricted solely to European countries, that is to those countries specified in the license which it is proposed to grant them; otherwise advantage may be taken of the non-existence of patents in certain important parts of the World, such as China, where your own prospects for a large trade in the future are excellent.

Also care should be taken to exclude the Colonies of all European Countries for the reason that in some of these a business can be done as large or larger than in the mother country.

Yours very truly,

[signature]

Apl 17/90

Maj. Gen. S.S. Eaton
120 Broadway
New York

Dear Sir:

Has an agreement been made transferring to the Edison Phono Wks the right to manf. for phonographs.

I would like to have a copy of it - but I do not recollect ever seeing such a contract

Yours truly

[illegible]

Apl 8/90

Edison Lamp Co
East Newark
N.J.

Dear Sirs:

Please send me by bearer Check for $1000 (xxx) on account bills rendered you for Laboratory expenditures.

Yours

Thos A. Edison

Apl 5/90

Edison Lamp Co
East Newark
N.J.

Dear Sirs: I return herewith bills Feb 1st 105 (15/vx) and $1525 (15) The former is the Carbon filament experiment for January and labor in the latter is divided as follows

Labor on machine for sealing carbons in bulbs.	669.09
Test Room –	437.26
General Lamp Experiment	70.15
	$1176.50

Yours

The fixed charges of the Laboratory are distributed over all experiments and based upon the labor. These charges are included in the above amounts. If you desire further details perhaps an inspection of our books would be more satisfactory to you in which case we will be pleased to open them for you at any time.

Yours truly

April 18th, 1890

Mr. Randolph:-

We are going to bill the Phonograph Works with $4100. given to Mr. A. B. Dick by Mr. Edison for Expenses in Europe, and also with the value of 200 Shares of the stock of the Edison Phonograph Toy Manufacturing Company.

Please keep this matter on your desk, and I will tell you when it is time to bill it.

A. B. Dick
A.

April 18th, 1890.

Mr. Randolph:-

We have now the right to bill against the XXXXXX United Edison Phonograph Company, all the Phonographs which were sent to Europe for presentation purposes.

Please make up a bill for these.

A. B. Dick
A.

Apl 18 90

P. F. Gilden Supt
N. J. & Pa. Con. Works
Bechtelsville Pa

Dear Sir Referring to the attached diagram I observe that the "present hole No 3" is bored to within a short distance of water level. Why should you not continue this instead of boring the proposed hole which is directed to the same point. You cannot strike anything of value on the line of the proposed hole and therefore it seems to be unnecessary to start it.

Please let me hear from you about this.

Yours truly

Thomas A. Edison

April 13, 1890

Mr. J. H. Block,

Moscow, Russia.

My dear Sir:-

I am very much obliged for your letter of 27th ultimo in regard to phonograph matters in Russia, which came to hand in due course of mail and was perused by me with much interest.

Yours truly,

Thos. A. Edison

April 18th 1890.

Samuel Insull, Esq.,

No. 44 Wall Street, New York City.

Dear Sir:-

I enclose herewith at Mr. Edison's request, a letter from Mr. Thomas B. Connery, in regard to Mexico.

Mr. Edison would like you to take this matter up, and see what can be done towards adjusting Mr. Connery's relations with the Edison United Phonograph Company.

Yours very truly,

Private Secretary.

April 18th 1900.

Edison United Phonograph Company,

Edison House, 8. Northumberland Avenue,

London, W. C. England.

Dear Sirs:-

I enclose herewith copy of correspondence between myself and your Company in New York, with relation to seven and one half barrels of Phonograms which are in store in Antwerp.

In accordance with the request of your New York people, I have instructed my agent in Antwerp to send these cylinders to you at London.

Yours very truly,

Thomas A. Edison

Jr.

C O P Y.

Orange, N.J. April 11, 1890.

Edison United Phonograph Company,

Mills Building,

New York City.

Dear Sirs:-

My Agent in Antwerp, Belgium, has in his possession seven and one-half barrels of phonograph cylinders that were sent to him from Paris, the same having been originally shipped from here by the Edison Phonograph Works intended for use at the Paris Exposition; they did not reach there, however, until after the Exposition was over.

I have thought that instead of having these blanks returned to America, the opportunity would be a good one for your London office to obtain a supply, of which they are constantly in need. I would therefore, request that you authorize me to instruct my agent to forward the blanks in question to London.

An early reply will much oblige,

Yours very truly,

Thomas A. Edison

EDISON UNITED PHONOGRAPH COMPANY,
MILLS BUILDING, NEW YORK.

New York, April 12th, 1890.

Thomas A. Edison, Esq.,
Orange, New Jersey.

Dear Sir:-

In reply to your favor of 11th instant, in regard to the 7-1/2 Barrels of Cylinders, we thank you for the offer, and shall be glad to take them if we find on arrival of Colonel Gourand in London we can use them; in the meantime they can be shipped to our office there, and if not used can be held to order.

Yours Truly,
Signed G. N. Morrison,
Secretary.

Apr 19

Alex Elliott Jr
1st Nat Bk. Building
Paterson N.J.

Can you go to Far Hill Monday or send description of property today. Answer

C. J. Reed

April 13th, 1890

Jesse W. Seligman, Esq.,

21 Broad Street,

New York City.

My Dear Sir:-

I enclose herewith for your information a letter which I have received from Mr. J. H. Block, of Moscow, Russia, in regard to the phonograph in that country, attached to which are translations of communications concerning the instrument received by Mr. Block from Russian celebrities.

The phonograph exhibitions which Mr. Block refers to in his letter as being conducted by "travelling mountebanks," are undoubtedly doing us a great deal of harm, and should be stopped if possible. These people obtained the machines which they are exhibiting from Col. Gourand; they know nothing about the instrument; are entirely ignorant of its operation and proper manipulation--hence the wretched demonstrations which are made by them.

Should it be the intention of the Edison United Phonograph Company to develop its Russian business through an agent, it will be [illegible] more competent man than Mr. J. H. Block. [illegible] the instrument, having [illegible] it and to learn

how to operate it to the best advantage, a knowledge which he acquired here in the Laboratory, where he had every facility for familiarizing himself with the phonograph in all its details. The result is that he has achieved great success in exhibiting and explaining the phonograph in Russia, which he has done to the very best people in that country.

Kindly return to me Mr. Block's letter and accompanying translations, after perusal; also a previous letter of this which I sent to you some time ago, to which translations were also attached.

Yours very truly,

Thos. A. Edison

April 19th 1890.

E. M. Bulkley, Esq.,

Messrs. Spencer Trask and Company,

No. 16 Broad Street, New York City.

D e a r S i r:-

I beg to confirm the following telegrams exchanged between us to-day:-

"Please have man come out complete work to-day without fail.
E. M. Bulkley."

TO which I replied as follows:-

"Our man is at your [illegible] [illegible] completing installation.
W. O. T a t e."

Very truly yours,

Alexander Elliott, Jr., Esq., April 19, 90.

Paterson, New Jersey.

Dear Sir:-

I have your letter of 17th instant; the plan which you propose is the correct one, and I shall be glad if you will immediately carry it into effect.

In regard to the Tonnoy timber tracts, I have the survey of this property, but it is not yet plotted. As soon as I get the data in shape, I will advise you.

Yours very truly,

Samuel G. Burt, Esq., April 19, 90.

Charlotte, North Carolina

Dear Sir:-

I beg to acknowledge the receipt of two letters from you, under date of April 2nd, enclosed with your letter of 16th instant.

I desire to impress upon you the importance of your exercising great care not to commit me to any purchase.

Yours very truly,

April 19th, 1890.

Samuel G. Burn, Esq.,

Bryant Building Room 9,

Charlotte, North Carolina.

D e a r S i r:-

I have received your letter of 16th instant, in regard to certain samples from some mines, which you are holding for my decision as to where they shall be assayed.

I think that you had better have these assays made at the United States Mint in Charlotte.

I should like to hear from you as to what you think of Mr. Riotte's assays. I have a letter from Riotte this morning, in which he insists that his reports are absolutely correct.

They, as you will have seen, are showing up very poor, and I am getting discouraged.

Yours very truly,

[signature]

April 19th, 1890.

Messrs. Arthur C. Fraser and Company,

Temple Court,

Nos. 5 and 7 Beekman Street,

New York City.

Dear Sirs:-

I beg to acknowledge with very many thanks the receipt of your letter of 8th instant, also receipt of copies of "Dire and Dorteme Dire," in the pending suit under my French Patent for Incandescent Lamps, which has been forwarded to me by Monsieur Armengaud Jeune.

Will you kindly express my thanks to this gentleman, and oblige,

Very truly yours,

[illegible]

April 19th, 1890.

Samuel Insull, Esq.,

No. 44 Wall Street, New York City.

Dear Sir:- Re Operation of Phonograph

Replying to your letter of 16th instant to Mr. Edison, neither the latter nor myself can understand what the trouble is to which you refer. Some time when you are at the Laboratory you can point it out on one of our machines, and we will then attempt to explain it.

Yours very truly,

Private Secretary

April 18,90.

Samuel Insull, Esq.,

No. 44 Wall Street, New York City.

D e a r S i r:-

Replying to your letter of 15th instant, with which was enclosed a communication from Mr. Charles A. Cheever, regarding the Edison- Gilliland German Patent, # 37,810, I beg to say that I am quite willing to bear my share of the expense in this connection but I should like to know how much I shall have to expend, of which please be kind enough to advise me.

Yours very truly,

Thos A Edison

April 19,90.

Messrs. Dyer and Seely,

No. 40 Wall Street, New York City.

D e a r S i r s:-

At Mr. Edison's request I enclose herewith a letter from Messrs. Arthur C. Fraser and Company, also certain reports in connection with the French patent for Incandescent Lamps, which were sent to Mr. Edison at the request of Mr. Armengaud Jeune.

Yours very truly,

Private Secretary.

April 19th 1890.

John Davis Thomas, Esq.,

No. 52 North Terrace,

Adelaide, Australia.

D e a r S i r:-

Replying to your letter of 16th instant, to Mr. Edison, I take pleasure in informing you that some very successful experiments have been made by members of your profession in New York, in connection with recording heart-beats and the action of the lungs upon the Phonograph.

It is altogether probable that within the next few months you will be able to obtain a Phonograph in Australia, when you can experiment in the same direction for yourself.

Yours very truly,

Private Secretary

April 19th 1890.

Alexander Elliott, Jr., Esq.,
First National Bank Building,
Paterson, New Jersey.

Dear Sir:-

I desire to have kept in my office here, a book of all the leases which you are arranging for, so that a proper check may be kept upon them, and where necessary, notice may be given within the time specified in the leases, for vacation, so that we may not be committed through neglect to retain any property that we may desire to get rid of.

Will you kindly have these tabulated, and put in proper shape for keeping such a check upon them, and send me a list of the same, that I can have entered in a book here.

Yours very truly,

[illegible]

April 20/90

Geo. F. Stevens Pres't.
Edison Phono. Toy Mfg Co
Boston Mass

Dear Sir:

I enclose herewith

(a) Letter from W. W. Jacques to the Edison Phono. Toy Mfg Co. under date 14th inst. relating to his British patent # 2025 of Dec 17/89

(b) Jacques British patent last referred to attached to which is copy of his United States Application the same being identical with the specification covered by his British patent named

(c) A report which I have prepared upon the above subjects and which if approved by you requires your signature to complete it, after which it is ready for presentation

U 3/4

presentation
to the Board at this next meeting.

In addition to being ahead of Mr Jacques in the filing of applications and the issue of patents, Mr Edison can prove absolutely by at least a half dozen witnesses that the improvements claimed by Mr Jacques as of his invention were invented and applied to the Tay phonograph movement by Mr Edison himself.

Never before in the history of our business has such a deliberate attempt been made to steal an invention and the Directors of the Tay Phonograph Company will be neglectful of the interests entrusted to them if they fail to take such steps as may be necessary to place

"3
A.P.S

Alace
c Mr Jacques outside the circle
within which he now has access
to the Company's records and
a knowledge of the deliberations
of its representatives, all of which,
as is clearly proven by the
case in question he will not
hesitate to use for the advance-
ment of his personal interests.
On the 19th of October 1889
c Reeves Ryer & Seely addressed a
letter to your Company in
regard to certain improvements
in the construction of the Jay
movement to which was attached
a drawing and copy of claims,
and they requested instructions
regarding foreign patents.
c Not hearing from you they
applied to me to learn the

"J.J.

the
Cause of the Company's silence
and on the 20th November I
wrote to the Secretary N. Wells
for an explanation and he replied
as follows:-

"Your favor of 27th with copy
" of letter from Messrs Dyer
" & Seely has been received.
" This is the first time that
" this letter has come before
" the officers of this Company
" (except the ex President) and
" upon consultation with Mr
" Field it is decided that it
" is the desire of this Company
" that you apply and take out
" patents in foreign Countries
" for all of your improvements
" in Ivy phonographs. vere"

In other words, Mr Jacques

No 5
O.G.J.

Jacques

the ex-president referred to, received these papers and suppressed them at a time when he was simply a Director in the Company and had absolutely no right to open letters addressed to the Company's officials.

In connection with Great Britain I would recall to your mind the fact that on the 9th December last, having learned that Mr Jacques had mailed certain applications to his London attorneys, we instructed Messrs Dyer and Seely to cable to London a specification for Mr Edison's British patent which was filed the next day December 10th in the British patent office just one week before Mr Jacques application was filed

#6
B.J.S.

filed.

Had we been less alert Mr Jacques British patent would have ante dated Mr Edison's and notwithstanding the fact that we are able to prove that Mr Jacques has no title to the inventions claimed by him, and has been guilty of something very like perjury in taking oath to an untruth, it would have consumed considerable time and money to have obtained a final decision in the Courts and meanwhile the false light in which we would have been placed before the British public would have seriously prejudiced our interests.

Mr Jacques has been given

#175

given
every opportunity to withdraw
from a position whose occupancy
can only be attended by loss of
respect and honor, and has not
only failed to avail himself of
the chance afforded him but has
persisted in menacing the interests
and property of the Edison
Phono. Toy Mfg Co. in a way
which leaves but one course
open to the Directors. They will
do but simple justice to
themselves and the Company by
requesting Mr. Jacques to submit
his resignation as one of the
Company's Trustees.

Yours very truly,

[signature]

April 21st, 1890

Edison Phono Graph Works,

Orange, New Jersey.

Dear Sirs:-

Through the representations we have made to the Insurance Companies that our buildings and sprinkler systems are supplied by water from two distinct sources, we have obtained low insurance rates.

We learn that from one of the possible supplies, namely the creek running through your property, no water has been taken for five weeks, on account of leakage through your dam.

If this information reaches the companies in which we are insured, it will cause the cancellation of our policies, or an increase in our rates. Will you kindly give this matter your immediate attention.

The water supply should be tested periodically, so as to show that the whole system is in proper working order.

Yours very truly,

Thos. A. Edison

April 22, 90.

Samuel Insull, Esq.,

244 Wall Street, New York City.

Dear Sir:-

I beg to advise you that the Edison Phonograph Toy Manufacturing Company has a representative in Europe, who is arranging for the sale of the toy phonograph rights for Great Britain, Continental Europe, and the Channel Islands. It is necessary that this sale should be made free of royalties, and that the manufacturing rights should be sold to the proposed European Company. A proposition has been made to the Toy Phonograph Co. of Boston for the formation of a Company in Europe, with a capital not to exceed Three Hundred Thousand Pounds, of which twelve and a half per cent of fully paid up stock shall be issued to the Boston Company, together with One Hundred Thousand Pounds in cash. The Boston Company has to pay a commission of 10% of the stock and cash which it receives to its representative who is making the sale.

In regard to the division of the net amount of cash and stock received by the Boston Company, they are willing to pay thirty-two per centum of the same in liquidation of my rights to royalty and for the purchase of the rights to manufacture ~~and sell~~ toy phono-

Samuel Insull, Esq. -2- April 22, 1890.

graph movements in Great Britain, Continental Europe, and the Channel Islands only. I consider this a very fair division, and it now remains for the Edison Phonograph Works and myself to determine in what proportion these proceeds should be divided between them and myself, they representin manufacture and I representing royalties. I consider that a fair division would be seventy-five per centum to myself, and twenty-five per centum to the Edison Phonograph Works.

Yours very truly,

Thomas A. Edison

April 22, 90.

Edison Phonograph Toy Mfg. Co.,

Daniel Weld, Esq., Secretary,

No. 95 Milk St., BOSTON, Mass.

Dear Sir:-

I beg to confirm the following telegram which I sent to your Company this afternoon, in response to your letter under date 19th instant, to which I now have the honor to reply:-

> "Send cable to Hutchinson as proposed in your letter 19th instant, except state that Boston Company and myself must approve parties underwriting European Company before any papers signed. Have him cable names of underwriters. I will take formal action as soon as you supply me with list of parties underwriting. T. A. E."

The successful floating of a Joint-Stock Company in Europe depends entirely upon the reliability of the parties who underwrite it, and it is, therefore, vital that before either yourselves or myself become committed to anything that we should be furnished with a list of names of the under-writers, so that we may pass upon them jointly.

I have suggested that this list be cabled to you, and as

Daniel Weld, Esq., Sec'y. -2-

April 22, 1880.

soon as you are in possession of the same, I should be glad to receive a copy, which will enable me to investigate and take such action as may be necessary.

There is one thing that I desire to point out to you, and that is, that Mr. Yeomans in the proposition last submitted by him, states that a Company is to be formed with a capital of not **less** than Three Hundred Thousand pounds. In the original proposition submitted by Mr. Yeomans on the 26th day of November last, and which was mailed to you from this office last night, his reference to the capital of the European Company reads as follows:

> "To create or cause to be created a Limited Joint-Stock Company with a capital **not exceeding** Three Hundred Thousand Pounds."

It is very important that you should exercise great care not to give your consent to the formation of a Company with a larger capital than Three Hundred Thousand Pounds, either directly or through inadvertence. Perhaps you have already impressed this upon Mr. Entelmann.

Yours very truly,

Thomas A. Edison

April 22, 90.

Daniel Weld, Esq., Secretary,

Edison Phonograph Toy Mfg. Co.,

No. 95 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you this afternoon:-

"I have to go to Buffalo to-night; will be Home Monday morning; if you have a meeting this week could you call it for Friday so I can attend. A. O. T."

Yours truly,

Private Secretary.

April 23, 90

[illegible]

E. H. Phillipp, Esq.,

Messrs. Spencer Trask & Co.,

[illegible]13 & 15 Broad St., New York City.

[illegible]

Dear Sir:-

[illegible] Our factory informs me that your battery was not up on Saturday last. I would like you to advise me if it is working all right. Kindly let me know promptly if you have any trouble with it, and I will see what it has immediate attention.

[illegible]

[illegible] Yours truly,

April 23, 1890.

Philip S. Dyer, Esq.,

Rue Cey 43

Antwerp, Belgium.

My dear Dyer,-

In the new Lalande license agreement, Mr. Edison is given permission to merchandise the Edison-Lalande cells in such European countries wherein Lalande has not already parted with his rights. We have no list of these countries. I wish you would obtain a list from Lalande and send it to me. I will then write you in regard to your handling this battery for all primary cell purposes in the territory where sales can be made by us. It is a splendid success over here, and I am sure you could do a very large business abroad with it.

Yours very truly,

Private Secretary.

April 23, 1890

Mr. Philip C. Dyer,

R u e O s y 4 3 8

Antwerp, Belgium.

Dear Sir:-

I beg to acknowledge receipt of your letter of 19th instant, enclosing bill amounting to two hundred and fifty francs which you paid on my account to Mr. Galloin. I will remit for this to the Edison Lamp Company.

Yours very truly,

Thos A Edison

April 23, 1890

United Edison Mfg. Co.,

No. 65 Fifth Avenue,

New York City.

Dear Sirs:-

Referring to the attached memorandum, I beg to advise you that we cannot recognize the business-cards of your Company, requesting us to show people through the Laboratory. The visitors received at the Laboratory in the past have been so numerous as to seriously interfere with our work, and in order to make any progress whatever, Mr. Edison found it absolutely necessary to exclude visitors altogether. I can see that the memorandum returned herewith has come from some one of your people who is not very familiar with the Edison business, and I think it would be advisable for you to issue proper instructions on this subject so that visitors may not be sent out here on a wild-goose chase. In order not to embarrass the parties who presented the letter above referred to, I permitted them to go through a portion of the laboratory and made their visit as interesting as possible; but you will please bear in mind that the practice of throwing open the laboratory to visitors is impossible. We have [illegible]

Private Secy.

Mr. Wm. Phillips.

April 23,90.

Friend Birkinbine,-

My friends in the Iron Ore Company object to my employing you just at the present time. They say that the time has not arrived for it and object to the expense, so I will be compelled to close up our relations after the first of June next. When we really get into big business, I shall probably reengage you. The trouble is, that until I can work off some of my old inventions now hanging fire in Laboratory, I cannot give the ore business the attention it deserves.

Yours

[illegible]

To
Mr. John Birkinbine,
#25 N. E. City Hall Sq.,
Philadelphia, Pa.

April 23, 90.

Mr. Samuel G. Burn,

No. 9 Bryant Building,

Charlotte, N. C.

Dear Sir:-

I return herewith the Assay Certificates of duplicate samples made at the Mint which were enclosed with your letter of 21st instant. Hereafter you had better have everything assayed at Mint; Richter throw all the samples in the dump.

Yours truly,

Edward H. Adams

April 23, 90.

Major S. B. Eaton,

No. 120 Broadway, New York.

Dear Sir:-

Mr. Edison has your note of 22nd instant, enclosing opinion of Frederic H. Betts re Patent No. 243,424, and he would like to see the references. He says he never heard of a pendant lamp and shade that did not cast a shadow.

Yours truly,

Private Secretary.

April 23,00.

E. B. Mallory, Esq.,

No. 2233 Saint Paul Street,

Baltimore, Maryland.

Dear Sir:-

I enclose herewith note of the Edison Iron Concentrating Company to the order of The Merchants Loan & Trust Company, payable four months after date, April 26th, 1900, for Thirty Five Hundred Dollars, which has been endorsed by Mr. Lewis Miller, Mr. W. S. Mallory, Mr. Ira M. Miller, and Mr. Edison, and which is forwarded for your endorsement, after which I understand that it is to be returned to Mr. Ira M. Miller, Akron, Ohio.

Yours very truly,

Private Secretary

April 23rd, 1896.

Edison United Phonograph Company,

Mills Building,

New York City.

Dear Sirs:-

I desire to take out patents on my new mailing box for Phonograms in England, Germany, France, Belgium, Italy, India, Austria, Queensland, Victoria, and New South Wales.

As the expense attendant upon taking out these patents will be borne by yourselves, I should like to receive from you sufficient authority to instruct my attorneys to commence the work of filing applications.

Yours very truly,

Thos. A. Edison

April 23rd, 1890

Messrs/Dyer & Seely,

No. 40 Wall Street, New York City.

D e a r S i r s:-

I beg to acknowledge the receipt of your letter of 16th instant, in regard to foreign patents on my new mailing box for Phonograms. I have written the Edison United Phonograph Co., for authority to commence filing the specifications, as they will have to bear the expense of taking out the patents. As soon as I obtain this authority, I will instruct you to go ahead with the work. You will take these out, following the usual course, to prevent shortening the life of the United States Patents.

Yours very truly,

Thos. A. Edison

April 23, 1900.

H. M. Livor, Esq.,

No. 19 Cedar Street, New York City.

Dear Sir:-

I enclose herewith a letter from Superintendent Gildea, of Beechtelsville, Penn'a., also a letter from the Pennsylvania Diamond Drill and Manufacturing Company.

It seems to me that there must be something wrong with the bits, which are supplied by the Pennsylvania Drill Company. I would like you to take this correspondence over, and consult the American Diamond Drill Company of New York, asking them if we can obtain bits from them.

You can say to them that the drill which we have is an old one, purchased by us some time ago, and in order that they may have a better understanding of the work to be done, I am sending to your office some of the cores which I received from Beechtelsville, and which you can show the American Diamond Drill people.

Yours very truly,

Albert A. Robinson

April 23rd, 1890.

R. R. Bowker, Esq., 1st. Vice-President,

Edison Electric Illuminating Company,

Nos. 16 & 18 Broad Street, New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 18th instant. As soon as the canvass which you have commenced, is completed, I should like to have it submitted to Mr. J. C. Henderson of the Edison General Electric Company.

I went to a great deal of trouble, and spent a great deal of time, instructing Mr. Henderson in the way that these canvasses should be made. He is thoroughly familiar with my methods, and is, therefore, thoroughly competent to pass judgment upon any canvass that is submitted to him.

It may be that Mr. Boggs will object to this, but it is quite impossible for me to educate another man as thoroughly as I have educated Mr. Henderson, for the reason that I have not sufficient time to give attention to the work.

Yours very truly,

Thos. A. Edison

April 23rd, 1896

J. H. Block, Esq.,

St. Petersburg, Russia.

My Dear Sir:-

I beg to acknowledge with many thanks the receipt of your letter of 10th instant, enclosing extracts from press reports of the week's exhibitions of the Phonograph in Russia.

Yours very truly,

Arthur H. Lee

April 28rd, 1890

Ira M. Miller, Esq.,

Akron, Ohio.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 18th instant, to Mr. Edison, enclosing note of the Edison Iron Concentrating Company, to the order of The Merchants Loan & Trust Company for thirty five hundred dollars, dated April 26th, and payable in four months, and endorsed by Mr. Lewis Miller, Mr. W. S. Mallory, and yourself.

Mr. Edison has added his endorsement, and I have forwarded the note to-day to Mr. R. B. Mallory, No. 2238 Saint Paul Street, Baltimore, Maryland, in accordance with your request.

Yours very truly,

Private Secretary.

April 23rd, 1890

Jesse W. Seligman, Esq.,

Mills Building,

New York City.

My Dear Sir:-

Here is another letter from Mr. J. H. Black, of St. Petersburg, Russia, enclosing some extracts of some press reports of a recent exhibition given in St. Petersburg of the Phonograph.

I wrote you the other day about these machines which are being exhibited in Europe, and we have reason to congratulate ourselves that the whole of the machines embodied in Colonel Gourand's order, were not placed under his control to be sent out for exhibition purposes.

If all these machines had been placed in hands as incompetent as those which are manipulating the instruments now in Russia, our business would have received a blow from which it would have been recovered.

Yours truly,

April 23, 90.

John Birkinbine, Esq.,

No. 25 N. E. City Hall Square,

Philadelphia, Pennsylvania.

My Dear Sir:-

I beg to acknowledge the receipt of your letter of 19th instant.

The first time I have an opportunity I will examine the Catoctin Furnace property in Maryland.

In regard to the properties back of West Point, I have had a magnetic survey made of those which took about a month to complete. The price asked by the Reading Iron Company is altogether too high for this property.

With relation to the papers concerning the Minnesota property I am having a search made for those, and will send them to you immediately they are found.

Yours very truly,

April 23rd, 1860.

Sir John Pender,

Winchester House, No. 50 Old Broad Street,

London, E. C. England.

My Dear Sir John:-

I beg to acknowledge the receipt of your letter of 10th instant, informing me that you have forwarded two barrels of "titaniferous" ore.

As soon as these arrive I will examine the ore, and report to you about it.

Yours very truly,

[illegible]

April 23rd 1890

Messrs. Eaton and Lewis
120 Broadway N. Y.

Dear Sirs:-

There was a draft drawn on Mr Edison through the Orange National Bank for $2796.$^{71}/_{100}$ by Mr Albert Hartcuff with a lot of papers attached to it regarding a Bond and Mortgage which Mr Edison agreed to take up for his Brother and Mr Edison refused to pay came until you had looked over the papers to see if it was allright and after going to the Bank and consulting Mr Samuel Insull. I returned the draft which will be at the American Exchange National Bank New York in a day or so and Mr Edison would like to have you look over the papers to and if they are allright he wants to pay it.

I notified your Mr Simpson in regard to the above over the telephone this afternoon.

Very truly
John F. Randolph

April 24, 90.

Jesse H. Lippincott, Esq.,

North American Phonograph Company,

%160 Broadway, New York City.

Dear Sir:-

I send you herewith, by special messenger, half a dozen of new mailing cylinders. These are not absolutely perfect, as they were made by hand. We are now engaged in making the tools necessary for their manufacture and when these are completed, the cylinders will be turned out perfect and free from defects.

Yours truly,

Thos. A. Edison

Jr.

April 24, 1890

Major S. B. Eaton,

No. 120 Broadway,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 23rd instant, in regard to obtaining testimony from Sir William Thompson for use in connection with the Feeder Case. Mr. Edison approves of engaging Sir William and obtaining the testimony in the manner suggested.

Yours truly,

Private Secretary.

April 25, 1890

The Edison Lamp Company,

Harrison, N. J.

Dear Sirs:-

Kindly hand to the bearer your check for $1,857.60, amount due us by your Company for bills already rendered.

Yours very truly,

Edison Laboratory

By

April 25, 1890.

NEW JERSEY AND PENNSYLVANIA CONCENTRATING WORKS,

New York City.

MAGNETIC DIPPING COMPASSES AND TRIPODS. — These instruments were made for the experts who are prospecting in New Jersey and Pennsylvania for iron ore. They are in the hands of these experts now and in daily use by them.

PROSPECTING INSTRUMENTS for IRON ORE. — This was a delicate Dipping Needle for indicating the presence of iron ore furnished to one of the experts for prospecting in New Jersey and Pennsylvania.

RESPIRATOR FOR MR. LIVOR. — This experiment was conducted at the request of Mr. Livor. The device was a mask covering the face for the purpose of preventing floating particles from entering the lungs.

April 25, 1890.

EDISON LAMP COMPANY

Harrison, N. J.

SULPHIDE OF SILVER. This was an experiment on a system for cutting out automatically municipal lamps in series when any one in the series broke; it was successful as far as carried out, and the results have been communicated to the Lamp Company.

VOLT METER EXPERIMENT. This was an experiment conducted by Mr. Edison on a Voltmeter.

MUNICIPAL LAMP CUT OUT. This is a branch of the experiment on Sulphide of Silver in connection with municipal lamp cut outs.

PHOTOMETER. This was an experiment made to ascertain whether a voltmeter could be made cheaply on the photometer principle.

April 25, 1890.

Edison Phonograph Works,

Orange, N. J.

12 MOULDS FOR TOY PHONOGRAPH.	These moulds were made at the Laboratory for the Phonograph Works. They are for moulding cylinders for the toy phonograph.
PRESS FOR MOULDING TOY PHONO. CYLINDERS.	This covers the cost of work conducted on a press for moulding cylinders for the toy phonograph.
TOOLS FOR TOY PHONOS.	These are tools for the manufacture of the toy phonograph movements which were made at the Laboratory for the Phonograph Wks.
MACHINE FOR DIPPING WAX.	This machine was made for dipping the new cylinders with thread lining which are to be substituted very soon for the grooved cylinders now in general use.
MOULD FOR PHONOGRAPH CYLINDERS.	This experiment was on a mould for producing cylinders for use in connection with musical records.

April 25, 1890.

EDISON ELECTRIC LIGHT CO.,

New York City.

PHYSIOLOGICAL EXPERIMENTS. Those experiments were made for Mr. Hastings in connection with killing animals with the alternating current; full reports were furnished the Light Company from time to time as the results were obtained.

WORK FOR PROF. BARKER. This was an experiment conducted for the Light Company at the request of Prof. Barker, to furnish him with certain information which he desired for use in connection with an Interference Case.

April 25, 1890.

The Edison Machine Works,

Schenectady, N. Y.

OXIDIZING IRON WIRE.	This was an experiment upon a process of oxidizing iron wire for use in dynamos, the results of which were communicated to the Machine Works.
MAGNETIC BRIDGE.	Apparatus made to measure the permeability of iron.
EXPERIMENTS ON MAINS.	Cost of experiments on mains conducted by Mr. Edison upon underground system of conductors.
GROUND DETECTOR.	An apparatus devised for the rapid location of grounds in underground conductors. We have used this instrument continually in locating grounds on our own local system here.
FIRE-PROOF WOOD.	Experiment conducted by Mr. Edison to render wood fire-proof.

CARRYING POWER OF CONDUCTORS. This experiment embodies a series of measurements of the carrying power of conductors. The measurements were made on the order of the Edison Gen'l. Electric Co., and the results were reported to them at the Niagara Falls Convention, and subsequently published.

ALTERATION IN SPRAGUE MOTOR. This covers the cost of experiments upon the revision of the construction of the Sprague Motor which is applicable also to general dynamo construction.

ARC LIGHT EXPERIMENT. This was an experiment made for the purpose of improving arc lights.

TINNING & STRANDING WIRE. This experiment was conducted under orders from Mr. Insull, and report upon the same was sent to Schenectady.

SPRAGUE MOTOR EXPERIMENT. This is a further expense connected with Mr. Edison's work upon the Sprague Motor.

MAGNETIC PENDULUM. A long series of measurements taken by Mr. Edison to ascertain the exact relations between the distance between the poles of a magnet and the work the magnet could do. A full report was made to Mr. Edison, and all the data, curves &c. are in his hands.

CONVERTER EXPERIMENT. Experiment conducted by Mr. Edison on a Converter.

April 25, 1890.

MESSRS. BERGMANN & CO.,

New York City.

INSULATION TEST FOR MR. INSULL.	This experiment explains itself. Mr. Insull was furnished with data relative to the test made upon his orders.
CUT OUT EXPERIMENT.	This was an experiment conducted by Mr. Edison on a cut out.
SMALL AMPERE METER.	Experiment on a small ampere meter conducted by Mr. Kennelly under Mr. Edison's direction; data on this will be furnished if desired.
INSULATION TEST ON [illegible]	This test was made upon the order of Mess. Bergmann & Co.
ELECTRIC METER.	Experiments on the Edison meter conducted by Mr. Edison.
CALIBRATING METER MEGGER.	This [illegible] was [illegible] on the order of Messrs. Bergmann & Co.

Messrs. Hoffmann & Co. -82- April 23, 1890.

DYNAMO AUTOMATIC REGULATOR.	Experiment on a regulator for regulating pressure automatically.
INSULATION OF GUTTA-PERCHA.	An experiment to ascertain how gutta-percha resisted high tension.

April 28, 90.

My dear Claus,-

Your letter of 16th instant is at hand, and I will have that doll sent to you right away. I have been under much pressure since you were here and had completely overlooked the matter.

The "Nickel-Slot" business is now settled, the contracts having been signed a day or so ago. It took considerable negotiating, but we got there eventually.

Yours very truly,

Louis Glass, Esq.,
#3 Pine St.
San Francisco, Cal.

April 23, 90.

Daniel Weld, Esq., Sec'y.,
Edison Phonograph Toy Mfg. Co.,
[illegible] Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegrams sent you this morning:-

"Found it impossible to attend to-day's meeting. Kindly advise result especially as to patent matter referred to in my letter twenty-first to President.
A. O. T."

"Think it not to good idea to give Archibald two or three dressed dolls to exhibit in Australia. He can't afford to purchase. If you concur, instruct Allison by wire; Archibald leaves to-morrow. A. O. T."

Yours truly,

Private Secretary.

April 25, 1890

My dear Mr. Dickson,-

I have your letter of 21st instant.

We do not intend starting in Canada at all; the duties eat up all the profits, and until these are readjusted there is absolutely no money to be made in Canada by iron mining.

Mrs. Tate and the baby are both very well; the latter is progressing finely.

Yours very truly,

George D. Dickson, Esq., Q. C.,

Belleville, Ont.

April 25, 90.

Benj. F. Stevens, Esq., President,

The Edison Phonograph Toy Mfg. Company,

95, Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you this afternoon:-

"Your Company must not permit European transaction to go any farther until I have passed personal judgment upon underwriters. This point is vital. My consent is withheld subject to decision after list has been furnished me. T. A. Edison."

Yours very truly,

April 25, 1890.

Benj. F. Stevens, Esq., President,

Edison Phonograph Toy Manufacturing Co.,

393 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you this afternoon:-

"Under no circumstances would I consent to Yeomans proceeding until he has submitted and we have passed upon names of underwriters. His disinclination to cable list looks like confession of weakness. You should insist upon his immediate compliance. A.O.E."

Yours very truly,

Private Secretary.

April 25, 1890.

W. M. Blount, Esq., President,
Bainbridge Electric Light Co.,
Bainbridge, Ga.

Dear Sir:-

Mr. Edison has asked me to thank you for your letter of 21st instant, informing him that you have closed a contract with Mr. Slattery for the installation of the Edison system of electric lighting in your town.

Mr. Edison says that if he ever visits your neighborhood, he will call and see you.

Yours very truly,

Private Secretary.

April 25, 90.

Samuel Insull, Esq.,

244 Wall Street,

New York.

Dear Sir:-

I beg to confirm the following telephone message sent you this afternoon:-

"I had to obtain some further explanations, which delayed bills for experiments until now. They are all ready and will be in your office early to-morrow morning."

Yours truly,

April 25, 90.

My dear Mr. Martin,-

I have your letter of 22nd instant, and regret that I cannot express an opinion upon the subject which you mention. I have now been so long out of the telegraph business that I feel I am not competent to pass judgment upon questions connected therewith.

Yours very truly,

Thos. A. Edison

T. C. Martin, Esq.,

THE ELECTRICAL ENGINEER,

#150 Broadway, New York.

April 25th 1890

Messrs Dyer and Seely
40 Wall Street
New York

Dear Sirs;

Referring to your favor of the 23rd inst I beg to enclose you herewith application No 856 on an improved Lamp Base, which has been executed as per your instructions

Yours truly
A. O. Tate
Private Secy.

April 25, 1890

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sir:-

Please ship on Monday next, for account of Everett Frazar, ten (10) Trouble phonographs.

The following is copy of letter received here from Mr. Frazar in regard to this order; you will please carry out his instructions in regard to shipment:

"You will please deliver on Monday next to steamer "MASSIA" New Pier 20, N. R., the 10 Trouble Phonographs ordered April 24th, marking same, FRAZAR [illegible] Brunswick, E.P.W. (from No.1 up). To avoid mistakes, I enclose partially filled-up Ship's receipt which please use.

(Sd.) Everett Frazar."

New York, April 24, 1890)

I consulted Mr. Ingall in regard to filling the above order, and he says to fill it and that he will take the risk as to the effect.

Yours truly,

Private Secretary.

April 1875

To Lima National Bank
Lima N.Y.

Dear Sirs:

I beg to advise you that the power of attorney given by me to Mr Alfred C. Gates on the 8th day of February authorizing him to sign checks in my behalf, drawn on my accounts, has this day been revoked.

Respectfully

April 26, 1890

Daniel Weld, Esq., Secretary,

Edison Phonograph Toy Mfg. Co.,

No. 95 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm receipt of your telegram of to-day, also my reply to same:

"Just received this: Yeomans will neither mail nor cable names until agreement signed. I have them in confidence. Probably go London Sunday. What your reply?

Daniel Weld, Sec'y."

"On my own behalf and on behalf of the Edison Phonograph Works, I refuse absolutely to accept to Yeomans' proposition referred to in your telegram of to-day. Our decision is withheld subject to inspection of names of underwriters. This is an ultimatum.

Thomas A. Edison."

Yours truly,

Thomas A. Edison

April 26, 1890

E. H. Bulkley, Esq.,

c/o Messrs. Spencer Trask & Co.,

New York City.

Dear Sir:-

Our man was at your house yesterday, fixing the battery. I have not yet received a report from him, but as soon as I get one, which will be on Monday next, I will communicate with you.

Yours very truly,

April 26, 90.

Messrs. Dyer & Seely,

540 Wall Street,

New York.

Dear Sirs:-

The people who manufacture for us the covers for our battery jars, have inadvertently stamped a considerable number of the rings "EDISON-LELANDE," instead of "Edison-Lalande" Will this error make any material difference in connection with the Patents? and can we send out the jars which are erroneously stamped?

Yours truly

Apr 26 /89

J. C. Henderson Esq
44 Wall St
New York

Dear Sir: I am very much obliged for your letter 23rd inst. in regard to the Ogden Engine. This Engine ran successfully for six months at the Paris Exposition. It seems to me that this was a fair test. Do you see any objection to our starting it up, without change, in view of the work it has proved capable of doing in its present condition?

Yours very truly

Thomas A. Edison

April 28, 1890

Daniel Weld, Esq., Sec'y,

Edison Phonograph Toy Mfg. Co.,

No. 95 Milk St., Boston, Mass.

Dear Sir:-

I beg to apologize for having overlooked the query in your letter of 22nd instant, in regard to the Player contract for South America. Mr. Moriarty is connected with the Edison United Phonograph Co. He, Col. Gourand and one of the younger members of the Seligman firm, are the foreign agents for the phonograph, and I have heard indirectly that Mr. Moriarty desires to have the Player contract transferred to him. I do not know anything about the details of this matter. Perhaps they have already been submitted to you.

Did the Board take any action in regard to the Jacques patent business at its last meeting?

Yours very truly,

Private Sec'y.

April 28, 1890.

Alex. Elliott, Jr., Esq.,

Paterson, N. J.

Dear Sir:-

Mr. Edison has read the letter of J. L. Cunningham which was enclosed with your letter to me of 25th instant. He will send Mr. Reed to examine the property which Mr. Cunningham has for sale. Mr. Edison has instructed Mr. Reed to report to you after he has inspected the mine.

Yours truly,

Private Sec'y.

April 28, 1890.

Samuel Insull, Esq.,

#44 Wall Street, New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 25th instant, in regard to the various experimental accounts which we propose charging against the Edison General Electric Company. I will give this matter my immediate attention. I have to get the explanations from Mr. Edison. I think I can obtain these from him to-night.

Yours very truly,

Private Sec'y.

April 28, 1890

E. H. Levy, Esq.,

Office of CHATTEN, 141 Bookman St.,

New York.

Dear Sir:-

Replying to your letter of 24th inst., I beg to say that Mr. Edison will be very glad to see you at the Laboratory next Saturday morning at, say, eleven o'clock.

Yours very truly,

Private Secretary.

April 29, 90.

Jesse Seligman, Esq.,

Mills Building,

New York City.

Dear Sir:-

I enclose herewith copy of Mr. Block's letter addressed to myself, dated March 15th, 1890, and translations which accompanied same. This is in compliance with the request contained in your letter of 23d instant.

Yours truly,

Thos. A. Edison

Everett Frazar, Esq.,

No. 124 Water Street,

New York City.

April 29, 90

Dear Sir:-

We beg to acknowledge receipt of your letter of 28th instant, ordering phonograph material for Shanghae, to be shipped via steamer "Hassin." We have sent this order to the Edison Phonograph Works for immediate attention. The shipping receipt which you mention did not accompany your letter.

Yours truly,

Edison Laboratory

Per

April 29, 1890

Messrs. Dyer & Seely,

240 Wall Street,

New York City.

Dear Sirs:-

I return herewith power of attorney for use in connection with an application in Germany which is a division of Case 91, signed by Mr. Edison, the same having been enclosed with your letter of 23th instant; also papers and tracing in Mr. Edison's case No. 853, on Propelling Devices for Electric Cars, and Case No. 857, all duly executed by Mr. Edison, the same having been enclosed with your letter of 23th instant.

Yours truly,

Private Secretary.

April 29, 1896.

The Canadian Copper Co.,

108 to 109 Superior Street,

Cleveland, Ohio.

Dear Sirs:-

The car of matte went forward yesterday to Mr. Joseph Wharton, Camden, N. J. I enclose herewith shipping receipt, and Sperry's certificate of analysis, in compliance with request contained in your letter of 18th instant; also memorandum of expense amounting to $11.50, incurred by us in connection with this shipment.

Yours truly,

Oliver F. Edwards

Mr. C. E. Speirs,

D. Van Nostrand Company,

#23 Murray St., New York.

April 29, 1890

PERSONAL.

My dear Sir:-

Mr. Edison did not have an opportunity to look over Mr. Latimer's Mss. Our Mr. Kennelly, however, examined it, and found that it contained so many errors that to correct them would mean, practically, to rewrite the entire book. Inasmuch as you intend this volume for publication in your Science Series, it would seem essential that the matter should be accurate and the data reliable. These requirements are not met by Mr. Latimer's Mss. I return the latter herewith, and the volume which accompanied it goes forward by this mail under separate cover.

Yours very truly,

Private Secretary.

April 30, 1890

MEMORANDUM FOR MAJOR EATON,-

My dear Major,-

The Boston people send me a memorandum of business transacted at regular intervals. In the last Mem. which I have received, there is the following note: "We "wrote to Messrs. Eaton & Lewis on the 26th, enclosing check for "$309.81, of which we have no acknowledgement as yet, though we "had a letter from Mr. Eaton this morning about another matter."

Did you get the check? I mention the matter in case the check should have miscarried.

Yours truly,

Private Secretary.

Major E. F. Eaton,
120 Broadway, New York.

April 30, 1890

P. E. Shaw, Esq.,

Williamsport, Pa.

Dear Sir:-

I beg to acknowledge receipt of your letter of 23th instant, enclosing sketch of an electric meter designed by Mr. J. C. Hill. I have submitted this to Mr. Edison, and he desires me to say that the device is impracticable. In the first place, the quantity of heat produced is not proportionate to the current which passes through the immersed conductor; and in the second place, the information given in the text books in regard to cold, is erroneous, as is a great deal of other information contained in these books. The amount of cold produced is about one degree of Fahrenheit.

Yours very truly,

Private Secretary.

Apr 30/90

Re: J. Stevens Esq
95 Aldersgate
Preston

Sydney Mr Stevens:

Your recent letters to Mr Edison and myself by hand of Mr Macintosh have been received. The latter has a long conversation with Mr Edison and I believe thoroughly understands his views.

Mr Edison is quite unwilling to place with Mr Natalinson the power to decide upon the reliability of the persons who are to undertake the proposed European Company, both so far as he uses the Phonograph Works are concerned as well

as in the interest of the Edison Phono. Toy & Mfg Co. He request to have these names submitted is not an unusual one; on the contrary it would be very unusual not to ask it.

The inference to be drawn from Mr Yeoman's refusal to submit this list is not a pleasant one. It only serves to strengthen Mr Edison's determination to force compliance and I think that Mr Yeoman should be made to understand very clearly that until Mr Edison's approval has been obtained the latter will not permit any company to be

#3 [illegible]

brought out in Europe.

I want to speak very plainly on this subject but kindly bear in mind that I do not for a moment mean to imply that the Board of the Boston Company would act on sanctioning action on the part of others contrary to Mr Edison's wishes in a matter wherein he is so deeply interested. But it has occurred to me that Mr Gemeaux might attempt to float a Company for the purpose of taking over such interest as the Edison Phono Toy Mfg Co has in the European business, and

ignore Mr Edison. This once before was attempted in Europe, but a letter from Mr Edison to the foreign press caused the collapse of the scheme and without doubt would do so again.

There is absolutely no valid reason why Mr Youmans should not submit the names. The excuse he makes "that Edison might interfere" is absurd. Mr Edison would interfere only if the people who intervene here uncontrefactory are in this the Boston Company would join him, as you know no more desire than he

#46

take unnecessary or improper risk. The only possible chance of Mr Edison taking independent action is in case Mr Yeomans attempts to go ahead without the former's approval of the underwriters and I think, as I said before, that Mr Yeomans should be made to understand very clearly that it is an absolute impossibility for him to float any Company in Europe unless this approval is first obtained. Mr Mackintosh is entirely in accord with Mr Edison's views, a fact

#5
B.F.S.

which I trust will convince you that they are not unreasonable.

I am going to try and be in Boston on Monday. Mr. Mackintosh tells me he would be home by then and I should like to see you and him together.

Yours very truly,

Benj. F. Stevens Esq
President
Edison Phono Toy M'f'g Co
95 High St
Boston Mass

April 30, 1890

Major S. B. Eaton,

No. 120 Broadway. New York.

Dear Sir:-

Referring to the attached correspondence from the Benton Company, in regard to royalties on dolls, Mr. Edison considers their request to have these royalties start from the first of April, a reasonable one. Will you kindly see Mr. Lippincott, and tell him that we were unable to commence the delivery of dolls until about the first of April, and ask him if he cannot see his way clear to comply with the requirements of the Benton Company.

Yours very truly,

Private Secretary.

April 30,1890

R. R. Rowker, Esq., 1st Vice-Prest.,
The Edison Electric Illuminating Co. of N. Y.,
New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 28th instant. I am quite satisfied that the electrified wires will catch the solid products of combustion.* I consider it very desirable that you should arrange to have extra storage capacity for exhaust steam at the earliest possible moment.

Yours very truly,
Thos. A. Edison

* I am testing this method now and will advise you when the experiment is finished of the Laboratory

May 1, 1890.

E. M. Bulkley, Esq.,

Messrs. Spencer Trask & Co.,

512 & 13 Broad St., New York.

Dear Sirs:-

With reference to the trouble experienced by you in connection with the phonograph mentioned in your letter of 24th ultimo, our man reports that the trouble was with the armature of the phonograph, which was out of its bearings, owing to the centre at top being loose. This was a very simple matter to adjust. I am very pleased that the trouble was not in connection with the battery, which I hope is rendering you satisfactory service.

Yours very truly,

May 1, 1890.

J. C. Henderson, Esq.,

#44 Wall Street, New York City.

My dear Sir:-

I am very much obliged for your letter of 28th instant, upon the subject of the Ogden engine. If this engine is not the one which was running at the Paris Exposition, I have certainly been deceived. I should think the parts ought to show very clearly whether or not it has been operated. If you feel satisfied that the engine has not been run, I think that your suggestions in regard to putting a plate over the steam entrance ought to be carried out.

Yours very truly,

Thomas A. Edison

May 1, 1890.

Samuel Insull, Esq.,

144 Wall St., New York City.

My dear Sir:-

I enclose herewith a personal letter from Mr. Connery to Mr. Edison. Mr. Edison is very anxious that Mr. Connery's matter in connection with Mexico should be adjusted. You understand his feeling on this subject, and I send this letter to you at his request for your general information.

Yours very truly,

Private Secretary.

May 1, 1890.

H. M. Livor, Esq.,

No. 19 Dey Street,

New York City.

Dear Sir:-

Referring to the attached letter from Mr. George G. Groiss, I cannot decipher the name of the place from which Mr. Groiss writes. Will you kindly address a letter to him, and tell him that Mr. Edison would like to receive samples of his ore. You understand the kind of samples Mr. Edison wants, that is, the run of the mine, not selected samples. Please request him to put a card in the box containing these samples, indicating that they come from him, so that they will not get mixed with other samples which we are continually receiving.

Yours very truly,

Private Secretary.

May 1, 1890.

Dr. Albert Hartsuff,

Fort Omaha, Nebraska.

Dear Sir:-

In regard to the W. P. Edison Mortgage, I am prepared to cancel this, and the papers I believe are in the hands of a Bank in New York. I desire to pay the money over to you instead of paying it over to Mr. Whipple. The latter insists that the money be paid to him, to which I object. I want to draw a check to your order for the amount to cancel this mortgage, and I wish you would write a letter to my attorneys, Messrs. Eaton & Lewis, No. 130 Broadway, New York City, or to myself, authorizing me to do this.

Yours very truly,

Thomas A. Edison

May 1, 1890.

Samuel Insull, Esq.,

[illegible] Wall Street, New York City.

Dear Sir:-

We shall require fifteen hundred dollars ($1,500) to meet our pay roll on Saturday next. Would it be possible for you to obtain a remittance from the Shops? If not, we will be obliged to get the money from the Phonograph Works.

Yours very truly,

Private Secretary.

May 1, 1890.

Major S. B. Eaton,

No. 120 Broadway, New York City.

Dear Sir:-

I have your letter of 28th ultimo, re Patent No. 248, 424, Pendant Lamp and Shade, with references to former patents designed to do away with objectionable shadows in illuminating devices.

Is there a single instance in all those references where there was absolutely nothing but light emitted below the mechanism? Gas does not burn downward. I think there is a point in this. Nothing known but an incandescent lamp will throw the whole of its light below the mechanism---arcs and gas will not.

Yours very truly,

Thomas A. Edison

May 2, 1890.

Everett Frazar, Esq., President,

Sims-Edison Electric Torpedo Company,

#124 Water St., New York City.

Dear Sir:-

Your letter dated 30th April, inviting Mr. Edison to witness an exhibition of the working of your latest torpedo boat, to take place to-day at Willetts Point, Long Island, was not received until this morning, too late for Mr. Edison to arrange to be present.

Yours truly,

Private Secretary.

May 2, 1890.

T. E. A. David, Esq.,

Pittsburgh, Pa.

Dear Sir:-

Your letter of 26th ultimo addressed to Mr. E. H. Johnson, has been referred to Mr. Edison. The latter would like to know the name of the mine to which you refer, also its location.

Yours truly,

Private Secretary.

May 2, 1890.

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

The following is an extract from a letter received by Mr. Edison from J. Block, Moscow, Russia, in regard to the phonograph sent him some time ago for presentation to the Czar:-

"I am making some brass connections, in order to simplify the means of attaching the tubes to the pipe, and also order a pretty wooden box, since the machine body marked on list of enclosures, was not enclosed with the phonograph."

Yours truly,

Secretary.

May 2, 1890.

W. S. Mallory, Esq.,

No. 7 West Randolph Street,

Chicago, Ills.

Dear Sir,

Mr. Edison has read your letter of 29th ultimo, in regard to visiting the Lake Superior region, and in reply says that he will go west some time next month.

Yours truly,

Private Secretary.

May 2, 1890.

Captain Williams, Secretary,
Union League Club,
Philadelphia, Pa.

Dear Sir:-

I understand that there is a box of phonograph material at the Union League Club, addressed to Col. Gouraud. Will you very kindly have this box returned to me at Orange, and very much oblige

Yours truly,

Thomas A. Edison

May 3, 1890.

Mr. John McCloskey,

M a n c , McKean Co., Pa.

Dear Sir:-

Replying to your letter of 21st ultimo, I beg to inform you that Mr. Edison has a process for working refractory ores, and is going to erect a plant in North Carolina, where the process will be in operation in a short time.

Yours truly,

Private Secretary.

May 3, 1890.

Mr. F. A. Bowers,

1117 Tenth Street, N. W.,

Washington, D. C.

Dear Sir:-

In reply to your letter of 21st ultimo addressed to Mr. Edison, would say that, with the quad. in proper adjustment the polarity of the polar relay is not affected by the operation of the home key only, for the reason that the home key sends no current through it. But when home and distant keys are simultaneously depressed, polar relay reverses under combined action of both.

Yours very truly,

Private Secretary.

May 3, 1890.

M. M. Watkins, Esq., President,

Edison Electric Illuminating Co.,

Mt. Carmel, Pa.

Dear Sir:-

Replying to your letter of 29th ultimo addressed to Mr. Edison, in regard to the removal of your Station, it will be necessary for you to communicate with the Edison General Electric Company, 65 Wall St., New York City, concerning the information which you desire to obtain on this subject, as Mr. Edison cannot enter into direct discussion relative to matters of this nature.

Yours truly,

Private Secretary.

May 6, 1890.

My dear Dyer,-

In looking over the patents, I find that the Sun and Planet movement, of which you wrote specification, has already been patented.

I return herewith specification of improvement in Phonograph Recorders and Reproducers, which I have executed.

Yours very truly,

Thos. A. Edison

Mr.

Edward H. Dyer, Esqr.
Edwards, Dyer & Dealy,
[illegible] New York City.

May 6, 1880.

Samuel G. Burn, Esq.,

No. 9 Bryant Building, Charlotte, N. C.

Dear Sir:-

I have received your letter of 3rd instant, enclosing 29 (not 51) Assay Certificates and Reports covering same.

In regard to Chapman, let him have his options. I never agreed to employ him; we are in no hurry.

Yours very truly,

Thos. A. Edison

May 7, 1890.

Allan V. Garratt, Esq., Secretary,

The National Electric Light Association,

218 Cortlandt St., New York City.

Dear Sir:-

Your letter of 3rd instant, informing me that I have been unanimously elected an Honorary Member of The National Electric Light Association, is duly at hand. This information is received by me with much pleasure, and I appreciate very highly the action of your Association in electing me to Honorary Membership.

Yours very truly,

Thomas A. Edison

May 7, 1890.

E. F. Whitmore, Esq.,

Erskine, Passaic Co.,

N. J.

Dear Sir:-

Replying to your letter under date 28th April, would say that with the Edison Ore Milling process we get from ninety to ninety-five per cent of the iron out of the ore, according to the nature of the iron.

Yours truly,

Private Secretary.

May 7, 1890.

H. M. Livor, Esq.,

No. 19 Dey Street,

New York.

Dear Sir:-

I duly received the letter from the American Diamond Rock Boring Co. under date 5th instant addressed to yourself, attached to which were letters from Supt. Gilden, the Pa. Diamond Drill & Mfg. Co., &c. I have sent all this correspondence to Gilden, and have requested him to forward to the Am. Diamond Rock Boring Co., 315 Wortlandt St., New York, one of the drills, in accordance with their request.

Yours truly,

Thomas H. Bolton

Sec

May 7, 1890.

R. L. Cutting, Esq.,

429 William Street,

New York City.

Dear Sir:-

I beg to enclose herewith copy of a letter from the Edison Lamp Co., received in this morning's mail, notifying us of the shipment of six Mercury Pumps to the Duke of Marlborough, London.

Yours truly,

Private Secretary.

C o p y.

EDISON LAMP COMPANY

Harrison, N. J. May 5th, 1890.

A. O. Tate, Esq., Private Secretary,

Laboratory of T. A. Edison,

Orange, N. J.

Dear Sir:-

We beg to inform you that a case containing six (6) Mercury Pumps has been shipped to the Duke of Marlborough, London, and will be forwarded to him by the steamer "Britannia" which sails on Wednesday of this week, all charges being paid through. This notification [illegible] to you according to your request.

Yours truly,

(Signed) EDISON LAMP C[illegible] J.

W. H. M.

May 9, 1890.

Everett Frazar, Esq.,

#12 & Water Street,

New York City.

My dear Sir:-

I enclose herewith a statement of your account, showing a debit balance due of $2,831.52. I am in urgent need of money, and wish you would very kindly send me by bearer a check for, say, One Thousand Dollars, on account.

Yours very truly,

May 8, 1890.

Edison Lamp Company,

Harrison, N. J.

Dear Sirs:-

The statement asked for in your letter of 6th inst. I will send to you in a few days. Since the beginning of the year our books have been behindhand. We expect to have them written up in a few days, when the statement in question will be sent forward.

Yours truly,

Private Secretary.

May 8, 1890.

Dear Miss Spalding,-

Owing to my absence your letter of 2nd instant to Mr. Edison has remained unanswered. Both Mr. Edison and myself will be very pleased to see you at the Laboratory any afternoon that you may find it convenient to come out. I enclose herewith time tables of the Erie & D. L. & W. railroads. The Llewellyn Park Station on the Erie Road is the nearest to the Laboratory, but as you will notice, the trains on this line are not as numerous as on the D. L. & W.

Yours truly,

Private Secy.

Miss H. T. Spalding, No. 5 West 22nd Street,

New York City.

May 3, 1890.

My dear Mr. Birkinbine,-

I have received your letter under date 5th instant. I consider your proposition a very fair one, and should be happy to have you carry out the suggestions which you make in regard to continuing our relations.

Yours very truly,

[illegible]

John Birkinbine, Esq.,

Philadelphia, Pa.

May 8, 1890.

Messrs. Dyer & Seely,

No. 36 Wall Street,

New York City.

Dear Sirs:-

I enclose herewith copy of a letter received from the Secretary of the Edison Phonograph Toy Mfg. Co., of Boston, asking for certain information in regard to Mr. Edison's foreign applications on the toy phonograph. Will you kindly give me all the data that you can in answer to these queries.

Yours very truly,

Private Secretary.

Copy.

Edison Phonograph Toy Manf'g. Co.,

Boston, April 23th, 1890,

A. O. Tate, Esq.,

Orange, N. J.

Dear Sir:-

The following are some points raised by Mr. H. K. Brown (Counsel), in reference to the report on W. W. Jacques application to the Company for recompense:-

1. Under the vote referring the matter to the Comittee should not the report cover the question of the proposed agreement with Mr. Jacques, as well as that of the patent? (can't the com. make partial report?)

2. Are the date of filing application and the date of issue of English patent to Jacques the same? (Dec. 17th). If not and if Jacques application was made before the date (Dec. 10th) of the filing of the specifications by Edison, what effect would such filing have on the Jacques patent?

3. Have you the date of the filing of the application in Germany by Edison and if so is it prior or subsequent to March 7th, 1890? Mr. Jacques gives us to understand in his letter that the date of his German application is subsequent to March 7th.

4. Is the original Jacques patent, now held by the Company broad enough to prevent Jacques from making any form of combination of phonograph with dolls and toy figures? (leaving out the question of the right to make use of the phonograph patents).

5. Just what is the situation of the original Jacques patent in Germany. It has been said at some of the meetings that owing to some informality in the papers or proceedings (which could be remedied if there was not too much delay), the patent had not been issued as Edison I understand has no phonograph patent in Germany, has this peculiar hitch in the Jacques patent been forseen and is there danger of Mr. J. getting a fresh patent for phono dolls and toy figures and cutting out the Company in Germany?

I send them to you at his request.

Yours very truly,

(Signed) DANIEL WILE, Secretary.

May 7, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

At a meeting of the Board of Directors of the Edison Phonograph Toy Mfg. Co., held at Boston, Monday May 5th, 1890, the following resolution was passed:-

"That pending an investigation as to changing the style of dolls, to avoid defects in present style, the Secretary be instructed to ask the Edison Phonograph Works if it will suspend manufacture of dolls until further notice."

Yours truly,

Private Secretary.

May 3, 1890.

Thomas Childs, Esq.,

Via G a r i b a l d i 8,

F l o r e n c e , Italy.

Dear Sir:-

Mr. Edison has asked me to acknowledge the receipt of your esteemed favor under date 7th April, in regard to Mr. Copello and the phonograph in Italy.

The details of the phonograph business in Europe have never been in Mr. Edison's hands, Col. Gouraud having had sole charge of them. Mr. Edison is not familiar with all that has been done by Col. Gouraud in connection with the phonograph abroad, and he has referred your communication to the New York office of the Edison United Phonograph Company, the newly formed corporation which controls the instrument in Europe.

Mr. Edison appreciates very highly the personal attention shown him while in Europe by Mr. Copello, and he trusts that the United Company may be able to arrange to place their Italian phonograph interests in Mr. Copello's hands.

Yours very truly,

Private Sec'y.

May 9, 1890.

Henry L. Wallcomb, Esq., Hon. Secretary,

Am. Testimonial Banquet to Henry M. Stanley,

Knowhill Edgw., L o n d o n, S. O., England.

Dear Sir:-

Mr. Edison has asked me to acknowledge the receipt of your esteemed favor under date April 23rd, relative to obtaining phonographic communications from President Harrison and the members of his Cabinet, for use at the American Testimonial Banquet to Henry M. Stanley, which is to take place on the 30th of the present month.

Colonel Gourand attended to this matter when he was in America, and I believe he obtained the desired phonograms. It will, therefore, be unnecessary for Mr. Edison to act in the matter.

Mr. Edison regrets very much that he will be unable to attend the Banquet.

Yours truly,

Private Secretary.

May 9, 1890.

To the

Receiver,

Non-Magnetic Watch Company,

#177 Broadway, New York.

Dear Sir:-

Mr. Edison has a bill on his books against the Non-Magnetic Watch Co., amounting to $303.74, for experiments conducted at the Laboratory for their account. This bill was rendered to the Company some time ago. Mr. Edison would be much obliged if you would kindly inform him what the prospects are for this account being paid, and he would be very pleased if you would expedite the settlement of same.

Yours very truly,

Private Secretary.

May 9, 1900.

Major S. D. Eaton,

1120 Broadway,

New York.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 30th ultimo to Mr. Edison, enclosing insurance policies on Mr. Edison's house which you obtained from Messrs. Arnold, Constable & Co. I have written Mr. Wood in regard to these; he handles all the details of our insurance.

Yours truly,

Private Sec'y.

May 9, 1890.

John R. Wood, Esq.,
13 & 20 Liberty Street,
New York City.

Dear Sir:-

I enclose herewith a letter from Major Eaton, in regard to certain insurance policies on Mr. Edison's house. I wish you would kindly take this matter up, and see that whatever is necessary is done. The policies which Major Eaton sent out here are in our safe, and you can see them the next time you come to the Laboratory.

Yours very truly,

Private Secretary.

May 9, 1890.

Mr. A. P. Backman,

P. O. Box 533, Orange, N. J.

Dear Sir:-

Replying to your letter of 1st instant, I beg to inform you that at present there are no phonographs in operation at the Laboratory, all the instruments being on exhibition at the LENOX LYCEUM, 59th St. and Madison Ave., New York, at the Woman's Exchange Fair now in progress there. If you will visit the Lenox Lyceum, you can see the phonograph, as well as all of Mr. Edison's other inventions.

Yours very truly,

Private Secretary.

May 9, 1900.

G. H. Morrison, Esq., Secretary,
Edison United Mfg. Company,
Mills Bldg., New York.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 30th ult. to Mr. Edison, stating that your Executive Committee authorize the manufacture of twenty-five phonographs to be used for distribution in foreign countries to representative people. This matter will have Mr. Edison's immediate attention.

Yours very truly,

Private Secretary.

May 9, 1890.

Edison Lamp Company,

Harrison, N. J.

Dear Sirs:-

I enclose herewith bill amounting to $970.84, for experiments conducted at the Laboratory on your account during the month of March last. After deducting from the amount mentioned what we owe your Company, I find that your indebtedness is $957.64. Kindly send us by bearer your check for, say, Nine Hundred dollars; we want to use it for our pay roll.

Yours very truly,

Private Secretary.

May 9, 1900.

Imperial Russian Technical Society,

M o s c o w , Russia.

Dear Sirs:-

I beg to acknowledge with many thanks the receipt of your cablegram under date 7th instant, signed by your President and Secretary, informing me that I have been elected an Honorary Member of your Society. I appreciate very highly the action of your Society in electing me to Honorary Membership, and look forward with pleasure to the receipt of Mr. Block's phonographic communication on the subject.

Yours truly,

May 9, 1890.

George Boylan, M. D.,

O r a n g e , N. J.

My dear Sir:-

I beg to acknowledge the receipt of your letter of 14th ultimo, in regard to the International Medical Congress, which is to be held in Berlin on the 4th of August next. The only matter of interest of which I can think now, is a very successful experiment which I conducted of eliminating uric acid from the finger joints by the use of lithia, forced in and out of the finger by electrical osmose.

Yours very truly,

May 9, 1890.

Samuel Insull, Esq.,

United Edison Manufacturing Co.,

244 Wall St., New York.

My dear Sir:-

I beg to acknowledge receipt of your letter of 7th instant, enclosing note of the Edison Gen'l. Electric Co., drawn at twelve months, for $62,041.04, bearing interest at 6% per annum, the same being in payment, first, of my old experimental account on Electric Railroad, amounting to $33,261.04; and second, in payment of the sale of 1169 shares of stock of Electric Railway Company of the United States, the price being $20 per share. I note that you have receipted the vouchers for the payment on the stock, and also the payment on the experimental account, and I note further the action which you have taken in regard to interest in the-tween of $10,000, about which you spoke to me the other day.

Yours very truly,

May 9, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

We are greatly inconvenienced in our office here, owing to your billing all goods for the Manufacturing Company against Mr. Edison. We keep an entirely different set of books for the Manufacturing Company, and run it as a separate concern from the Laboratory, and the bills which we receive from you against Mr. Edison we have to pass through our Laboratory books and then through the books of the Manufacturing Company. It causes double work in our office, and we wish you could see your way clear to open an account for the Manufacturing Company, and render against them bills for goods which are furnished by you upon their order.

Yours very truly,

Samuel Insull, Esq.,

No. 44 Wall Street,

New York City.

May 9, 1898.

Dear Sir:-

For your information I enclose herewith one of the reports which I receive each week from the Battery Dep't. I can tell from this at a glance just what stock is made during the week for each of the different types of cell which we manufacture, and what they have on hand at the end of each week. The report also shows the number of cells shipped during the week, as well as the shipment of parts in detail. Kindly return this report to me after you are through with it.

Yours very truly,

May 9, 1890.

Francis R. Upton, Esq.,

Edison Lamp Company,

Harrison, N. J.

Dear Sir:-

Referring to the attached bill for twenty-five dollars, for six Mercury Pumps shipped to the Duke of Marlborough, Mr. Edison says that you ought not to charge him for these. You do considerable business abroad, and these pumps were sent forward in the general interest of trade.

Yours very truly,

Private Secretary.

May 9, 1900.

Samuel Insull, Esq.,

244 Wall Street,

New York City.

Dear Sir:-

The exhibit at the London Lyceum is to be closed on next Thursday. What arrangement is the General Company going to make in regard to sending Mr. Edison's portion of this exhibit to Minneapolis? We have but no direct information with reference to this matter, but it appears to be generally understood that Mr. Edison's exhibit is to be removed to Minneapolis, when the Lyceum closes.

Yours very truly,

Private Secretary.

May 9, 1890.

Major J. B. Eaton,

No. 120 Broadway,

New York.

Dear Sir:-

I inclose herewith a letter from Mr. A. Hartzuff, of Fort Omaha, Nebraska, in which he advise that I can make the payment on the W. P. Edison mortgage direct to him. Will you kindly give this matter your attention, and oblige

Yours very truly,

May 9, 1890.

John Eckstubing, Esq.,

Philadelphia, Pa.

Dear Sir:-

I have your letter of 7th instant. With reference to the water power of the lower Susquehanna, I can do nothing with this. In regard to the property of the Phila. & Reading Coal and Iron Co., it is my intention to make another examination of this property, and if I find that I can do anything with it, I will let you know, and we will go and see the parties together.

Yours very truly,

May 9, 1890.

Prof. William D. Marks,

Edison Electric Light Co. of Phila.,

Philadelphia, Pa.

My dear Sir:-

I beg to acknowledge the receipt of your letter of 7th instant, in regard to increasing the capacity of the Philadelphia station. I beg to say in reply that I cannot take direct action in connection with this matter, as I am not on the Executive [illegible] of the Edison General Co., but anything that I can do to assist you in my personal capacity, will be gladly done.

Yours very truly,

May 9, 1890

Everett Frazar, Esq.,

No. 124 Water St.,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 8th instant, enclosing check amounting to $1,037.62. Owing to the arrangement which has recently been made with the Edison United Phonograph Company, all invoices after March 11th will be treated differently from those prior to that date, when the phonograph business in China and Japan was directly in my hands. I therefore accept these two checks on account of invoices rendered you prior to the 11th day of March last, upon which a balance is due of some $1,500. The amount still outstanding on these invoices is sufficient to adjust any differences of details, should such arise.

Yours very truly,

May 9, 1890.

F. F. Gilkes, Esq., Supt.,

N. J. & Pa. Concentrating Works,

Lechtelsville, Pa.

Dear Sir:-

When you ship the bit, please notify the American Rock Diamond Boring Co., so that they may know from whom it comes, and understand what action to take.

Yours very truly,

Jan. 9, 1890.

John Burke, Esq.,

Menlo Park, N. J.

Dear Sir:-

You will doubtless remember that at the time the Edison Wiring Company, wired your grounds for electric light, there were so many errors made that we had to keep men from the Laboratory here on the work repairing the same. I advised you at the time not to pay a balance due by you to the Edison Wiring Co. of some $700, inasmuch as we had a repair bill which would offset the amount. I enclose now an itemized statement of this account, amounting to $419.39, and will you would very kindly forward me your check for the same to Mr. Edison's order.

Yours very truly

Private Secretary.

May 9, 1890.

Samuel Insull, Esq.,

41 Wall Street,

New York City.

Dear Sir:-

Referring to your letter of 2nd instant, I understand from Mr. Edison that you have had a conversation with him in further reference to the Connery business. He concurs entirely in your view of this question.

Yours very truly,

Private Secretary.

May 9, 1890.

Mr. Samuel G. Dunn,

No. 9 Bryant Building,

Charlotte, N. C.

Dear Sir:-

Mr. Edison has received your letter of 5th instant, and desires me to say in reply with reference to Mr. Morgan's letter, that he does not desire that section examined.

In regard to renting rooms, and fixing them up for assaying purposes, Mr. Edison does not wish to do this.

Yours very truly,

Private Secretary.

May 9, 1890.

H. W. Scely, Esq.,

Messrs. Dyer & Scely,

#36 Wall St., New York.

Dear Sir:-

I beg to acknowledge receipt of your letter under date 5th instant, in regard to an application of mine for a process for duplicating phonograms by depositing through the means of an electric arc or incandescence in a vacuum to make a thin film of metal on the wax phonogram, and in reply I would say that this process is a perfect success and we have deposited hundreds of cylinders.

In regard to heat, there is, of course, a certain amount, but as the film deposited is ~~#18~~ one-two-hundred-thousandths of an inch thick, and it takes three hours to make the deposition, the amount of heat given off in a minute over, say, 1/8 of an inch square, is exceedingly small.

Yours very truly,

Thos A Edison

May 10, 1890.

Edison Phonograph Works,

O r a n g e, N. J.

Dear Sirs:-

We are in receipt of a letter from Mr. Everett Frazar under date 7th instant, in which he states that he has just rec'd. advice from Shanghae that the shipment per steamer "GLENCYLE" was badly packed, the pulley of phonograph #3775 being broken and the piece missing. In addition to this, the polished cases, two in number, were also broken. Mr. Frazar enclosed the packing list for this machine, and we send it to you herewith. Mr. Frazar also asks for a supply of pamphlets. He has given us an order for battery material, which we are having packed now and which will go forward as soon as another steamer is in berth for Suez. If you will send these pamphlets over to the Manufacturing Co's factory, we will pack them with the batteries and send them forward as soon as we receive shipping instructions from Mr. Frazar.

Yours very truly,

May 10, 1890.

Francis B. Crocker, Esq.,

Instructor in Elec. Engineering,

School of Mines, Columbia College, New York.

My dear Sir:-

I beg to acknowledge receipt of your letter under date 7th instant, in regard to my founding a Scholarship for Columbia College. I beg to say in reply that after considering this matter carefully, I find that it will be entirely impracticable for me to found this Scholarship. All my money is turned over in the Laboratory here and applied to experimental work, and the results of my labor are eventually made known for the benefit of those who are interested in that class of work. This may not be what is generally known as a direct contribution, but in effect it is exactly the same. It costs me a hundred and fifty thousand dollars a year to carry on the experimental work of this Laboratory and I feel that I cannot afford to add to the expense.

Yours very truly,

May 10, 90.

Daniel Weld, Esq., Sec'y.,
The Edison Phono. Toy Mfg. Co.,
203 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"Impossible to send report to-day; await letter."

Yours very truly,

Private Sec'y.

May 12, 1890.

Major S. B. Eaton,

No. 120 Broadway,

New York.

Dear Sir:-

I have your letter of 10th instant, enclosing proposed Release from me to the Electric Railway Co. of the United States touching the $60,000. I have executed this document in accordance with your request, and beg to return it to you herewith.

Yours very truly,

Thos. A. Edison

Major S. B. Nelson,

No. 120 Broadway,

New York.

May 12, 1890.

Dear Sir:-

I have your letter of 10th instant, re Nelson Tract at Dunderberg Mountain, and in reply I enclose herewith my check on Drexel, Morgan & Co., to the order of Thomas Nelson, for Three Thousand Dollars ($3,000). You can hand this check to Mr. Nelson as soon as you have had a report on the title satisfactory to yourself.

Yours very truly,

Thos. A. Edison

May 12, 1890.

Major S. E. Eaton,
No. 120 B r o a d w a y ,
New York City.

Dear Sir:-

I return herewith seven copies of agreement for assigning inventions and patents, dated April 10th, 1890, between Thos. A. Edison, Jesse H. Lippincott, Thos. R. Lombard, the North Am. Phono. Co., Louis Glass, Exploiting Co. of California, and Automatic Phono. Exhibition Co.

I also return herewith eight copies of agreement for pooling stock, under date April 12th, 1890, between Thos. A. Edison, Jesse H. Lippincott, Thos. R. Lombard, the North Am. Phono. Co., Louis Glass, Exploiting Co. of California, Automatic Phono. Exhibition Co., Chas. A. Chevver, and Felix Gottschalk, Trustee.

All of the above agreements have been executed by me and duly witnessed.

Yours truly,

Thos A Edison

May 12, 1890.

Francis Lynde Stetson, Esq.,

#45 William Street,

New York City.

Dear Sir:-

I have just received your esteemed favor of 11th instant, enclosing copy of cablegram received from Mr. Adams, and beg to confirm the following telegram which I sent you to-day in reply:-

"Have hundred experimenters requiring close personal attention, so impossible me go London. Buffalo maps all ready and type of dynamo settled. Edison."

Yours very truly,

May 12, 1890.

Mr. P. F. Gildea,

N. J. & Pa. Concentrating Works,

Boehtelsville, Pa.

Dear Sir:-

Mr. Edison has read your letter of 8th instant, and in reply desires me to say that we shall buy a portable Boiler in New York when we bring the drill here.

Yours very truly,

Private Sec'y.

May 12, 1890.

O. B. Stump, Esq.,

THE ELECTRICAL WORLD,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 8th instant, relative to sand which is found near the upper part of the Amazon River, in Peru, and which is said to contain considerable gold. Mr. Edison would like you to send him about four quarts of this sand. Upon receipt of the same he will examine it. When sending the sand, please mark the box so that we will identify it as coming from you.

Yours truly,

Private Secretary.

May 13, 1890.

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

Replying to your inquiry of 8th instant, relative to the mortgage on the Menlo Park property, I beg to inform you that this mortgage is held by the Mutual Life Ins. Co. of New York, and is for the sum of $3,000.00. The interest on this mortgage, amounting to $105, will be due on June 1st. I enclose herewith a notice to that effect.

Yours truly,

Private Secretary.

May 13, 1890.

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

I attach hereto (1) Letter of Thomas A. Edison to Everett Frazar, Jan. 25th, 1890, (2) Letter of Everett Frazar to Thomas A. Edison January 31st, 1890, (3) Thomas A. Edison to Everett Frazar, Feb. 7th, 1890.

This correspondence sets forth the arrangement under which Mr. Frazar and his firms are conducting the China-Japan phonograph business.

It was at first intended to make a formal contract with Frazar, and the matter was placed by me in the hands of Major Eaton, who drafted a contract, to certain portions of which Mr. Frazar objected, as indicated in Mr. Edison's letter, Jan. 25th, 1890, above referred to. The former said that while he did not object to a contract, he preferred going ahead and doing all he could without giving onerous guarantees. It was upon that we decided to have the business [illegible] upon the [illegible] outlined in this correspondence [illegible] letter.

clearly defined. Mr. Frazar entered upon the business with considerable vigor, as you know, sending an expert to China and Japan, and has been a good customer--one who is entitled to every consideration at the hands of the people who now control the phonograph in those countries.

Since the date of agreements with the Edison United Phonograph Company, viz., the 11th day of March, 1890, about two thousand dollars worth of phonographs and supplies have been billed against Mr. Frazar. You will recollect that the contracts referred to above were actually signed on the 22nd March.

Mr. Frazar's orders for three-quarters of the amount named were received here and passed March 17th, before the writer knew the date of the transfer to the E. U. P. Co.; the balance was billed in error. We will be glad to know how to treat Mr. Frazar's requisitions in the future.

Yours very truly,

Major S. B. Eaton,

No. 120 Broadway,

New York City.

May 16, 1899.

Dear Sir:-

I enclose herewith agreement for pooling stock, dated April 19th, 1890, between T. A. Edison, Jesse H. Lippincott, Thos. H. Lombard, the North Am. Phono. Co., Louis Glass, Exploiting Co. of California, Automatic Phono. Exhibition Co., Chas. A. Cheever and Felix Gottschalk, Trustee. This should have accompanied the seven copies of same agreement returned to you yesterday, but it got mislaid and was not found until after your messenger had gone.

Yours truly,

Chas. Edison

May 13, 1890.

Daniel Weld, Esq., Secretary,

Edison Phonograph Toy Mfg. Company,

No. 95 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"Delayed taking stock. Will have report ready in day or two."

Yours truly,

Private Secretary.

This is a bigger job than we thought. I expect to have the report [illegible] tomorrow [illegible] Yours [illegible]

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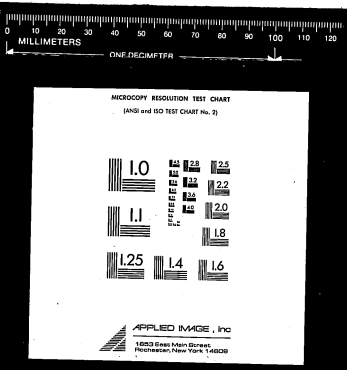

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